

LAMPIRAN

```

<!DOCTYPE html>

<html>

<head>

  <meta charset="utf-8" />

  <meta name="viewport"
content="width=device-width, initial-
scale=1" />

  <meta name="theme-color"
content="#000000" />

  <link rel="stylesheet"
href="dist/css/fa5.css" />

  <link rel="stylesheet"
href="dist/css/style.css" />

  <title>Steganografi | End of File</title>

</head>

<body class="text-gray-800 antialiased">

  <nav class="top-0 absolute z-50 w-full flex
flex-wrap items-center justify-between px-2
py-3 ">

    <div class="container px-4 mx-auto flex
flex-wrap items-center justify-between">

      <div class="w-full relative flex justify-
between">

        <a class="text-sm font-bold leading-
relaxed inline-block mr-4 py-2 whitespace-
nowrap uppercase text-white"

```

```

href="index.php">

      End of File

    </a>

  </div>

</div>

</nav>

  <main class="profile-page">

    <section class="relative block"
style="height: 500px;">

      <div class="absolute top-0 w-full h-full
bg-center bg-cover"

        style='background-image:
url("dist/img/bg.jpg");'>

        <span id="blackOverlay" class="w-full
h-full absolute opacity-50 bg-
black"></span>

      </div>

      <div class="top-auto bottom-0 left-0
right-0 w-full absolute pointer-events-none
overflow-hidden"

        style="height: 70px;">

        <svg class="absolute bottom-0
overflow-hidden"
xmlns="http://www.w3.org/2000/svg"
preserveAspectRatio="none"

          version="1.1" viewBox="0 0 2560
100" x="0" y="0">

          <polygon class="text-gray-300 fill-
current" points="2560 0 2560 100 0
100"></polygon>

        </svg>

      </div>

```



```
<div class="container mx-auto px-4">  
    <hr class="my-6 border-gray-400" />  
    <div class="flex flex-wrap items-center  
md:justify-between justify-center">  
        <div class="w-full md:w-4/12 px-4  
mx-auto text-center">  
            <div class="text-sm text-gray-600  
font-semibold py-1">  
                Sidang Skripsi - Darmawati - 2023  
            </div>  
        </div>  
    </div>  
</div>  
  
</body>  
</html>
```

```
<!DOCTYPE html>

<html>
```

```
<meta charset="utf-8" />
```

```
<meta name="theme-color"
content="#000000" />
```

```
<i class="text-gray-300 fa fa-arrow-  
circle-left mr-2"></i>
```

```
Kembali
```

```
</a>
```

```
</div>
```

```
</div>
```

```
</nav>
```

```
<main class="profile-page">
```

```
<section class="relative block"  
style="height: 270px;">
```

```
<div class="absolute top-0 w-full h-full  
bg-center bg-cover"
```

```
style="background-image:  
url("../dist/img/bg.jpg");">
```

```
<span id="blackOverlay" class="w-full  
h-full absolute opacity-50 bg-  
black"></span>
```

```
</div>
```

```
<div class="top-auto bottom-0 left-0  
right-0 w-full absolute pointer-events-none  
overflow-hidden"
```

```
style="height: 70px;">
```

```
<svg class="absolute bottom-0  
overflow-hidden"  
xmlns="http://www.w3.org/2000/svg"  
preserveAspectRatio="none"
```

```
version="1.1" viewBox="0 0 2560  
100" x="0" y="0">
```

```
<polygon class="text-gray-300 fill-  
current" points="2560 0 2560 100 0  
100"></polygon>
```

```
</svg>
```

```
</div>
```

```
</section>
```

```
<section class="relative py-16 bg-gray-  
300">
```

```
<div class="container mx-auto px-4">
```

```
<div class="relative flex flex-col min-  
w-0 break-words bg-white w-full mb-6  
shadow-xl rounded-lg -mt-64">
```

```
<div class="bg-white shadow-md p-  
8 rounded-md mt-8">
```

```
<div class="mb-10">
```

```
<h1 class="text-2xl font-bold  
text-gray-800 mb-2">Enkripsi</h1>
```

```
<p class="text-gray-  
600">Proses enkripsi text ke dalam  
video</p>
```

```
</div>
```

```
<!-- Notebook Content -->
```

```
<div class="mb-8">
```

```
<h2 class="text-xl font-bold  
text-gray-700 mb-2">Langkah 1</h2>
```

```
<p class="text-gray-800">
```

```
Pada langkah ini video dan  
text yang ingin disembunyikan di-input, dan  
ditampilakn dalam bentuk hexadecimal agar  
lebih ringkas dan mudah dibaca.
```

```
</p>
```

```
</div>
```

```
<!-- Code Cell -->
```

```

<div class="border border-gray-300 rounded-md p-4 mb-4">

  <p class="text-gray-600 mb-2">Langkah [1]: <button
onclick="langkah1(this)" class="active:bg-gray-200 rounded-md px-2"><i class="far fa-play-circle"></i> Run</button></p>

  <div class="bg-gray-100 p-2 rounded-md text-sm">

    <div class="flex flex-col gap-2">

      <input type="file"
name="" id="inptFile" class="p-2"">

      <input type="text"
name="" id="inptText" class="p-2 mx-2"
placeholder="Masukkan Text
Tersembunyi">

    </div>

  </div>

</div>

<!-- Markdown Cell -->

<div class="mb-4">

  <p class="text-gray-600 mb-2">Hasil [1]:

    <a
href="../../doc/echoFull.php?file=enkripsi/sebelum/fileHexVideo.txt" class="text-xs underline ml-4"
target="_blank">fileHexVideo.txt</a>

  </p>

  <div class="prose">

    <div class="flex gap-4">

      <div class="w-full" >

```

```

<div class="font-
bold">Hex Video:</div>

  <div class="font-mono"
id="hexVideo"></div>

</div>

<div class="w-full">

  <div class="font-
bold">Raw Text:</div>

  <div class="font-mono"
rawText"></div>

  <div class="font-bold
mt-1">Hex Text:</div>

  <div class="font-mono"
hexText"></div>

</div>

</div>

</div>

</div>

<script>

  async function langkah1(e) {

    const inptFile =
$('#inptFile').prop('files');

    const inptText =
$('#inptText').val();

    const fd = new FormData();
    fd.append('file', inptFile[0]);
    fd.append('text', inptText);

    let hasil = await $.ajax({

```

```

        url:
'../proses/enkripsi1.php',
        dataType: 'text',
        cache: false,
        contentType: false,
        processData: false,
        data: fd,
        type: 'post'
    });

    hasil = await $.ajax({
        url:
'../doc/echoVideo.php?file=enkripsi/sebelum
/fileHexVideo.txt',
    });

    $('#hexVideo').html(hasil)

    hasil = await $.ajax({
        url:
'../doc/echoFile.php?file=enkripsi/sebelum/fi
leText.txt',
    });

    $('#rawText').html(hasil)

    hasil = await $.ajax({
        url:
'../doc/echoFile.php?file=enkripsi/sebelum/fi
leHexText.txt',
    });

```

```

        $('#hexText').html(hasil)
    $('#inptText2').val(inptText)
    }
</script>
<!-- Notebook Content -->
<div class="mb-8">
    <h2 class="text-xl font-bold
text-gray-700 mb-2">Langkah 2</h2>
    <p class="text-gray-800">
        Pada langkah ini adalah
        proses Caesar Chipertext pada Text yang
        ingin diselipkan agar text tidak benar benar
        seketika bisa dibaca. Proses ini
        menggunakan Key = 3. Artinya Kode Huruf
        akan digeser sebanyak 3 Kali. Sesuai dengan
        default dari Caesar Karakter yang di enkripsi
        hanyalah A-Z a-z
    </p>
</div>

<!-- Another Code Cell -->
<div class="border border-gray-
300 rounded-md p-4 mb-4">
    <p class="text-gray-600 mb-
2">Langkah [2]: <button
onclick="langkah2(this)" class="active:bg-
gray-200 rounded-md px-2"><i class="far
fa-play-circle"></i> Run</button></p>
    <div class="bg-gray-100 p-2
rounded-md text-sm">

```

```

        <div class="flex flex-col gap-
2">

            <input type="text"
name="" id="inptKey" class="p-2 mx-2"
placeholder="Key">

            <input type="text"
name="" id="inptText2" class="p-2 mx-2"
placeholder="Masukkan Text
Tersembunyi">

        </div>

    </div>
</div>

```

```

<!-- Markdown Cell -->

<div class="mb-4">

    <p class="text-gray-600 mb-
2">Hasil [2]:</p>

    <div class="prose">

        <div class="flex gap-4">

            <div class="w-full" >

                <div class="font-
bold">Raw Text:</div>

                <div class="font-mono
rawText"></div>

                <div class="font-bold
mt-1">Hex Text:</div>

                <div class="font-mono
hexText"></div>

            </div>

            <div class="w-full">

                <div class="font-
bold">Caesar Chiper Text:</div>

```

```

        <div class="font-mono"
id="chiperText"></div>

        <div class="font-bold
mt-1">Caesar Chiper Hex Text:</div>

        <div class="font-mono"
id="hexChiperText"></div>

    </div>

</div>

</div>

```

```

<script>

    async function langkah2(e) {

        const inptKey =
$('#inptKey').val();

        const inptText2 =
$('#inptText2').val();

        hasil = await $.ajax({

            url:
'../proses/enkripsi2.php?key=' +inptKey+
'&text=' +inptText2,

        });

        hasil = await $.ajax({

            url:
'../doc/echoFile.php?file=enkripsi/sebelum/fi
leText.txt',

        });

        $('rawText').html(hasil)

```

```

        hasil = await $.ajax({
            url:
'../doc/echoFile.php?file=enkripsi/sebelum/fileHexText.txt',
        });

        $('#hexText').html(hasil)

        hasil = await $.ajax({
            url:
'../doc/echoFile.php?file=enkripsi/ sesudah/fileHasilText.txt',
        });

        $('#chiperText').html(hasil)

        hasil = await $.ajax({
            url:
'../doc/echoFile.php?file=enkripsi/ sesudah/fileHasilHexText.txt',
        });

        $('#hexChiperText').html(hasil)

    }
</script>
<!-- Notebook Content -->
<div class="mb-8">

```

```

<h2 class="text-xl font-bold
text-gray-700 mb-2">Langkah 3</h2>

```

```

<p class="text-gray-800">

```

Langkah terakhir pada proses ini adalah proses End of File dimana Caesar Chiper Text akan diselipkan pada akhir Video. Agar mengetahui batas antara video dan text yang disembunyikan, maka ditentukan "7b 65 6f 66 7d 7b 62 61 74 61 73 7d" sebagai pembatas. bentuk text dari bilangan hex tersebut adalah "{eof}{batas}".

```

</p>

```

```

</div>

```

```

<!-- Another Code Cell -->

```

```

<div class="border border-gray-
300 rounded-md p-4 mb-4">

```

```

<p class="text-gray-600 mb-
2">Langkah [3]: <button
onclick="langkah3(this)" class="active:bg-
gray-200 rounded-md px-2"><i class="far
fa-play-circle"></i> Run</button></p>

```

```

</div>

```

```

<!-- Markdown Cell -->

```

```

<div class="mb-4">

```

```

<p class="text-gray-600 mb-
2">Hasil [3]:

```

```

<a
href="../doc/echoFull.php?file=enkripsi/ sesu
dah/fileHasilHexVideo.txt" class="text-xs
underline ml-4"
target="_blank">fileHasilHexVideo.txt</a>

```

```

</p>

```

```

<div class="prose">
  <div class="flex gap-4">
    <div class="w-full" >
      <div class="font-bold
mt-1">Hex Hasil Video:</div>
      <div class="font-mono"
id="hexHasilVideo"></div>
    </div>
  </div>
</div>

<script>
  async function langkah3(e) {
    let hasil = await $.ajax({
      url:
'../proses/enkripsi3.php',
    });

    hasil = await $.ajax({
      url:
'../doc/echoVideo.php?file=enkripsi/sesudah
/fileHasilHexVideo.txt',
    });

    var kataYangDitebalkan = '7b
65 6f 66 7d 7b 62 61 74 61 73 7d';
    var indeksKata =
hasil.indexOf(kataYangDitebalkan);

```

```

    var kataTebal = hasil.slice(0,
indeksKata) +
    "<strong>" +
hasil.slice(indeksKata, indeksKata +
kataYangDitebalkan.length) + "</strong>" +
hasil.slice(indeksKata +
kataYangDitebalkan.length);

$('#hexHasilVideo').html(kataTebal)

  }
</script>
</div>
</div>
</section>
</main>

<footer class="relative bg-gray-300 pt-8
pb-6">3
  <div class="container mx-auto px-4">
    <hr class="my-6 border-gray-400" />
    <div class="flex flex-wrap items-center
md:justify-between justify-center">
      <div class="w-full md:w-4/12 px-4
mx-auto text-center">
        <div class="text-sm text-gray-600
font-semibold py-1">
          Sidang Skripsi - 2023
        </div>
      </div>
    </div>

```

```

        </div>
    </div>
</footer>
</body>

</html>
<div class="mb-10">
    <h1 class="text-2xl font-bold text-gray-800 mb-2">Enkripsi</h1>
    <p class="text-gray-600">Proses enkripsi text ke dalam video</p>
</div>

<!-- Notebook Content -->
<div class="mb-8">
    <h2 class="text-xl font-bold text-gray-700 mb-2">Langkah 1</h2>
    <p class="text-gray-800">
        Pada langkah pertama video dan text tersembunyi akan dimasukkan
        dan dilakukan proses representasi ke bentuk hexadesimal agar dapat
        ditampilkan dan divisualkan dengan lebih baik.
    </p>
    <p class="text-gray-800">
        hexadesimal ini adalah perubahan bentuk dari sebuah file
        (yang tersusun dari data data biner) yang biasanya diubah kebentuk desimal

```

```

        atau hexadesimal untuk lebih mudah divisualkan atau ditampilkan.
    </p>
</div>

<!-- Markdown Cell -->
<div class="border border-gray-300 rounded-md p-4 mb-4">
    <p class="text-gray-600 mb-2">Hasil [1]:</p>
    <div class="prose">
        <div class="flex gap-4">
            <div class="w-full" >
                <div class="font-bold">Hex Video:
                    <a
                        href=" ../doc/echoFull.php?file=enkripsi/sebelum/fileHexVideo.txt" class="font-normal text-xs underline ml-4"
                        target="_blank">fileHexVideo.txt</a>
                    </div>
                    <div class="font-mono">
                        <?php
                            $_GET['file'] =
                                "enkripsi/sebelum/fileHexVideo.txt";
                            include("../doc/echoVideo.php"); ?>
                        </div>
                    </div>
                    <div class="w-full">
                        <div class="font-bold">Raw Text:

```

```

        <a
href="../doc/echoFull.php?file=enkripsi/sebe
lum/fileText.txt" class="font-normal text-xs
underline ml-4"
target="_blank">fileText.txt</a>

    </div>

    <div class="font-mono rawText">

        <?php

            $_GET['file'] =
"enkripsi/sebelum/fileText.txt";

            include("../doc/echoFile.php");
        ?>

    </div>

    <div class="font-bold mt-1">Hex
Text:

        <a
href="../doc/echoFull.php?file=enkripsi/sebe
lum/fileHexText.txt" class="font-normal
text-xs underline ml-4"
target="_blank">fileHexText.txt</a>

    </div>

    <div class="font-mono">

        <?php

            $_GET['file'] =
"enkripsi/sebelum/fileHexText.txt";

            include("../doc/echoFile.php");
        ?>

    </div>

</div>

</div>

</div>

</div>

```

```

<!-- Notebook Content -->

```

```

<div class="mb-8">

```

```

    <h2 class="text-xl font-bold text-gray-700
mb-2">Langkah 2</h2>

```

```

    <p class="text-gray-800">

```

Sebelum menyelipkan text tersembunyi terlebih dahulu akan diamankan menggunakan Caesar Chipertext,

Caesar Chipertext akan menggunakan Key = 3 (harus sama dengan proses enkripsi atau mengeluarkan text dari video).

Sesuai dengan default dari Caesar Karakter yang di enkripsi hanyalah A-Z a-z.

```

    </p>

```

```

</div>

```

```

<!-- Markdown Cell -->

```

```

<div class="border border-gray-300
rounded-md p-4 mb-4">

```

```

    <p class="text-gray-600 mb-2">Hasil
[2]:</p>

```

```

    <div class="prose">

```

```

        <div class="flex gap-4">

```

```

            <div class="w-full" >

```

```

                <div class="font-bold">Raw Text:

```

```

                    <a
href="../doc/echoFull.php?file=enkripsi/sebe
lum/fileText.txt" class="font-normal text-xs
underline ml-4"
target="_blank">fileText.txt</a>

```

```

                </div>

```

```

<div class="font-mono ">

    <?php

        $_GET['file'] =
"enkripsi/sebelum/fileText.txt";

        include("../doc/echoFile.php")
    ?>

</div>

<div class="font-bold mt-1">Hex
Text:

    <a
href="../doc/echoFull.php?file=enkripsi/sebe
lum/fileHexText.txt" class="font-normal
text-xs underline ml-4"
target="_blank">fileHexText.txt</a>

</div>

<div class="font-mono ">

    <?php

        $_GET['file'] =
"enkripsi/sebelum/fileHexText.txt";

        include("../doc/echoFile.php")
    ?>

</div>

</div>

<div class="w-full">

    <div class="font-bold">Caesar
Chiper Text:

        <a
href="../doc/echoFull.php?file=enkripsi/sesu
dah/fileHasilText.txt" class="font-normal
text-xs underline ml-4"
target="_blank">fileHasilText.txt</a>

    </div>

    <div class="font-mono">

```

```

<?php

    $_GET['file'] =
"enkripsi/sesudah/fileHasilText.txt";

    include("../doc/echoFile.php")
?>

</div>

<div class="font-bold mt-
1">Caesar Chiper Hex Text:

    <a
href="../doc/echoFull.php?file=enkripsi/sesu
dah/fileHasilHexText.txt" class="font-
normal text-xs underline ml-4"
target="_blank">fileHasilHexText.txt</a>

</div>

<div class="font-mono">

    <?php

        $_GET['file'] =
"enkripsi/sesudah/fileHasilHexText.txt";

        include("../doc/echoFile.php")
    ?>

</div>

</div>

</div>

<!-- Notebook Content -->

<div class="mb-8">

    <h2 class="text-xl font-bold text-gray-700
mb-2">Langkah 3</h2>

    <p class="text-gray-800">

```

selanjutnya adalah langkah menyelipkan text kedalam video menggunakan metode End of File.

Agar supaya mengetahui batas antara data video dan data text tersembunyi,

maka ditentukan sebuah pembatas yaitu "{eof}{batas}" atau dalam bentuk hex

"7b 65 6f 66 7d 7b 62 61 74 61 73 7d".

</p>

<p>

Sesuai dengan metodenya, End Of File yang berarti diakhir file, maka susunanya adalah

 <code>video</code>
 +
<code>pembatas</code> +
 <code>text
tersembunyi</code>

</p>

</div>

<!-- Markdown Cell -->

<div class="border border-gray-300 rounded-md p-4 mb-4">

<p class="text-gray-600 mb-2">Hasil [3]:</p>

<div class="prose">

<div class="flex gap-4">

<div class="w-full" >

<div class="font-bold mt-1">Hex Hasil Video:

fileHasilHexVideo.txt

</div>

<div class="font-mono">

<?php

\$_GET['file'] =
"enkripsi/sesudah/fileHasilHexVideo.txt";
include("../doc/echoVideo.php")
?>

</div>

</div>

</div>

</div>

</div>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8" />

<meta name="viewport"
content="width=device-width, initial-scale=1" />

<meta name="theme-color"
content="#000000" />

<link rel="stylesheet"
href="../dist/css/fa5.css" />

<link rel="stylesheet"
href="../dist/css/dropify.css">

```
<link rel="stylesheet"
href="../dist/css/sa2.css">

<link rel="stylesheet"
href="../dist/css/style.css" />

<script src="../dist/js/sa2.js"></script>

<title>Steganografi | End of File</title>
</head>

<body class="text-gray-800 antialiased">

  <nav class="top-0 absolute z-50 w-full flex
flex-wrap items-center justify-between px-2
py-3 ">

    <div class="container px-4 mx-auto flex
flex-wrap items-center justify-between">

      <div class="w-full relative flex justify-
between">

        <a class="text-sm font-bold leading-
relaxed inline-block mr-4 py-2 whitespace-
nowrap uppercase text-white"

          href="../index.php">

            End of File

          </a>

        <a class="text-sm font-bold leading-
relaxed inline-block mr-4 py-2 whitespace-
nowrap text-white"

          href="../index.php">

          <i class="text-gray-300 fa fa-arrow-
circle-left mr-2"></i>

            Kembali
```

```
</a>

</div>

</div>

</nav>

<main class="profile-page">

  <section class="relative block"
style="height: 270px;">

    <div class="absolute top-0 w-full h-full
bg-center bg-cover"

      style='background-image:
url("../dist/img/bg.jpg");'>

      <span id="blackOverlay" class="w-full
h-full absolute opacity-50 bg-
black"></span>

    </div>

    <div class="top-auto bottom-0 left-0
right-0 w-full absolute pointer-events-none
overflow-hidden"

      style="height: 70px;">

      <svg class="absolute bottom-0
overflow-hidden"
xmlns="http://www.w3.org/2000/svg"
preserveAspectRatio="none"

        version="1.1" viewBox="0 0 2560
100" x="0" y="0">

        <polygon class="text-gray-300 fill-
current" points="2560 0 2560 100 0
100"></polygon>

      </svg>

    </div>

  </section>
```

```

<section class="relative py-16 bg-gray-300">
  <div class="container mx-auto px-4">
    <div class="relative flex flex-col min-w-0 break-words bg-white w-full mb-6 shadow-xl rounded-lg -mt-64">
      <div class="bg-white shadow-md p-8 rounded-md mt-8">
        <div class="mb-8">
          <h1 class="text-2xl font-bold text-gray-800 mb-2">Enkripsi</h1>
        </div>
        <div class="mb-8">
          <div class="flex flex-col md:flex-row w-full gap-6">
            <div class="w-full">
              <h1 class="font-bold text-gray-700 mb-2">
                <i class="fas fa-edit mr-2 text-lg text-gray-500"></i>
                Text
              </h1>
              <textarea id="inptText" style="border: 2px solid #E5E5E5; height: 200px; padding: 12px; width: 100%" name="pesan" placeholder="Text...."></textarea>
            </div>
            <div class="w-full">
              <h1 class="font-bold text-gray-700 mb-2">

```

```

                <i class="fas fa-file-video mr-2 text-lg text-gray-500"></i>
                Video
              </h1>
              <input type="file" id="inptFile" name="file_video" class="dropify" data-allowed-file-extensions="avi mp4">
            </div>
          </div>
        </div>
        <div class="flex items-center justify-between">
          <div class="flex gap-2">
            <button class="bg-indigo-500 text-neutral-100 active:bg-indigo-600 text-xs font-bold uppercase px-5 py-3 rounded shadow hover:shadow-md hover:shadow-neutral-400 outline-none focus:outline-none" type="button" id="btnEnkripsi" style="transition: all 0.15s ease 0s;">
              <i class="fas fa-play-circle"></i>
              ENKRIPSI
            </button>
            <a id="btnDownload"

```

class="text-neutral-100 text-xs
font-bold cursor-pointer uppercase px-5 py-
3 rounded shadow hover:shadow-md
hover:shadow-neutral-400 outline-none
focus:outline-none"

style="transition: all 0.15s ease
0s; display: none; background: #a5dc86;">

<i class="fas fa-
download"></i>

DOWNLOAD

</div>

<a href="../dekripsi/dekripsi.php"
class="underline font-normal text-pink-
500">Dekripsi

</div>

</div>

</div>

</div>

</section>

<section class="relative py-16 bg-gray-
300">

<div class="container mx-auto px-4">

<div class="relative flex flex-col min-
w-0 break-words bg-white w-full mb-6
rounded-lg -mt-64">

<div class="bg-white p-8 rounded-
md mt-8">

<div id="docEnkripsi">

<?php include('doc.php'); ?>

</div>

</div>

</div>

</div>

</section>

</main>

<footer class="relative bg-gray-300 pt-8
pb-6">

<div class="container mx-auto px-4">

<hr class="my-6 border-gray-400" />

<div class="flex flex-wrap items-center
md:justify-between justify-center">

<div class="w-full md:w-4/12 px-4
mx-auto text-center">

<div class="text-sm text-gray-600
font-semibold py-1">

Sidang Skripsi - 2023

</div>

</div>

</div>

</div>

</footer>

<script src="../dist/js/jquery.js"></script>

<script src="../dist/js/dropify.js"></script>

<script>

```

$(document).ready(function() {

    let linkVideo = "";

    const fileDrop = $('#dropify').dropify({
        messages: {

            'default': 'Drag dan drop video disini
atau click',

            'replace': 'Drag dan drop atau click
untuk mengganti',

            'remove': 'Hapus',

            'error': 'Kesalahan Terjadi, Coba
Periksa Lagi',

        },
        error: {

            'fileExtension': 'Masukkan Video
dengan Ekstensi {{ value }}.'

        }
    });

    const popup = Swal.mixin(

        $('#btnEnkripsi').on('click', function(e) {

            const inptFile =
$('#inptFile').prop('files');

            const inptText = $('#inptText').val();

            if (inptFile[0]) {
                if (inptText) {
                    if (inptFile[0].size < 6000000) {

```

```

popup.fire({
    icon: 'info',
    title: 'Loading...',
    text: 'Melakukan Enkripsi',
    timerProgressBar: true,
    timer: 2000,
    showCancelButton: true,
    cancelButtonText: "Hentikan!",
    showConfirmButton: false,
    didOpen: async () => {
        await pstop(300)
        popup.toggleTimer()

        const fd = new FormData();
        fd.append('file', inptFile[0]);
        fd.append('text', inptText);

        let hasil = true;

        hasil = await proses1(fd)
        if (!hasil) {
            popup.fire({
                icon: 'error',
                title: 'Gagal',
                text: 'Coba Lagi'
            });
            return false;

```

```

    }
    popup.toggleTimer()
    await pstop(300)
    popup.toggleTimer()
    hasil = await proses2()
    if (!hasil) {
        popup.fire({
            icon: 'error',
            title: 'Gagal',
            text: 'Coba Lagi'
        });
        return false;
    }
    popup.toggleTimer()

    await pstop(300)
    popup.toggleTimer()
    hasil = await proses3()
    if (hasil.includes("{batas}")) {
        linkVideo =
hasil.split("{batas}")[1];
    } else {
        popup.fire({
            icon: 'error',
            title: 'Gagal',
            text: 'Coba Lagi'
        });
        return false;
    }
}

    popup.toggleTimer()
    },
    willClose: () => {
        // clearInterval(didOpen);
    }
}).then((result) => {
    if (result.dismiss ===
Swal.DismissReason.timer) {
        popup.fire({
            icon: 'success',
            title: 'Berhasil',
        })
        $('#btnDownload').css('display',
'block');
        $('#btnDownload').attr('href',
linkVideo);
        $('#btnDownload').attr('download',
linkVideo);
        $.ajax({url: 'doc.php'}).then((r)=>{
            $('#docEnkripsi').html(r);
        });
    }
});

```

```

    } else {
        popup.fire({
            icon: 'error',
            title: 'Gagal',
            text: 'Ukuran video
'+inptFile[0].size+' melebihi 6000000 Bytes
atau 6Mb'
        });
    }
    }}
});

const pstop = async function (t) {
    await new Promise(r => setTimeout(r,
t));
    return true;
}

const proses1 = async function (fd) {
    await pstop(300)
    var hasil = await $.ajax({
        url: '../proses/enkripsi1.php',
        dataType: 'text',
        cache: false,
        contentType: false,
        processData: false,
        data: fd,
        type: 'post'
    });

```

```

    if (hasil=='berhasil') {
        return true;
    } else {
        return false;
    }
}

const proses2 = async function () {
    await pstop(300)
    var hasil = await $.ajax({
        url: '../proses/enkripsi2.php',
    });
    if (hasil=='berhasil') {
        return true;
    } else {
        return false;
    }
}

const proses3 = async function () {
    await pstop(300)
    var hasil = await $.ajax({
        url: '../proses/enkripsi3.php',
    });

    return hasil;
}

```

```
});
</script>
</body>

</html>
<!DOCTYPE html>
<html>

<head>

  <meta charset="utf-8" />

  <meta name="viewport"
content="width=device-width, initial-
scale=1" />

  <meta name="theme-color"
content="#000000" />

  <link rel="stylesheet"
href="../dist/css/fa5.css" />

  <link rel="stylesheet"
href="../dist/css/dropify.css">

  <link rel="stylesheet"
href="../dist/css/sa2.css">

  <link rel="stylesheet"
href="../dist/css/style.css" />

  <script src="../dist/js/sa2.js"></script>

  <title>Steganografi | End of File</title>
```

```
</head>

<body class="text-gray-800 antialiased">

  <nav class="top-0 absolute z-50 w-full flex
flex-wrap items-center justify-between px-2
py-3 ">

    <div class="container px-4 mx-auto flex
flex-wrap items-center justify-between">

      <div class="w-full relative flex justify-
between">

        <a class="text-sm font-bold leading-
relaxed inline-block mr-4 py-2 whitespace-
nowrap uppercase text-white"

          href="../index.php">

            End of File

          </a>

        <a class="text-sm font-bold leading-
relaxed inline-block mr-4 py-2 whitespace-
nowrap text-white"

          href="detail.php">

            <i class="text-gray-300 far fa-file-alt
text-lg leading-lg mr-2"></i>

            Detail Enkripsi

          </a>

      </div>

    </div>

  </nav>

  <main class="profile-page">

    <section class="relative block"
style="height: 270px;">
```

```

<div class="absolute top-0 w-full h-full
bg-center bg-cover"

  style="background-image:
url("../dist/img/bg.jpg");">

  <span id="blackOverlay" class="w-full
h-full absolute opacity-50 bg-
black"></span>

</div>

<div class="top-auto bottom-0 left-0
right-0 w-full absolute pointer-events-none
overflow-hidden"

  style="height: 70px;">

  <svg class="absolute bottom-0
overflow-hidden"
xmlns="http://www.w3.org/2000/svg"
preserveAspectRatio="none"

  version="1.1" viewBox="0 0 2560
100" x="0" y="0">

    <polygon class="text-gray-300 fill-
current" points="2560 0 2560 100 0
100"></polygon>

  </svg>

</div>

</section>

<section class="relative py-16 bg-gray-
300">

  <div class="container mx-auto px-4">

    <div class="relative flex flex-col min-
w-0 break-words bg-white w-full mb-6
shadow-xl rounded-lg -mt-64">

      <div class="bg-white shadow-md p-
8 rounded-md mt-8">

        <div class="mb-8">

```

```

    <h1 class="text-2xl font-bold text-
gray-800 mb-2">Enkripsi</h1>

  </div>

  <div class="mb-8">

    <div class="flex flex-col md:flex-
row w-full gap-6">

      <div class="w-full">

        <h1 class="font-bold text-gray-
700 mb-2">

          <i class="fas fa-edit mr-2 text-
lg text-gray-500"></i>

          Text

        </h1>

        <textarea id="inptText"
style="border: 2px solid #E5E5E5; height:
200px; padding: 12px; width: 100%"
name="pesan"
placeholder="Text...."></textarea>

      </div>

      <div class="w-full">

        <h1 class="font-bold text-gray-
700 mb-2">

          <i class="fas fa-file-video mr-
2 text-lg text-gray-500"></i>

          Video

        </h1>

        <input type="file" id="inptFile"
name="file_video" class="dropify" data-
allowed-file-extensions="avi mp4">

      </div>

    </div>

```



```

<script>
  $(document).ready(function() {

    let linkVideo = "";

    const fileDrop = $('.dropify').dropify({
      messages: {
        'default': 'Drag dan drop video disini atau click',
        'replace': 'Drag dan drop atau click untuk mengganti',
        'remove': 'Hapus',
        'error': 'Kesalahan Terjadi, Coba Periksa Lagi',
      },
      error: {
        'fileExtension': 'Masukkan Video dengan Ekstensi {{ value }}.'
      }
    });

    const popup = Swal.mixin(

      $('#btnEnkripsi').on('click', function(e) {
        const inptFile =
          $('#inptFile').prop('files');
        const inptText = $('#inptText').val();

        if (inptFile[0]) {

```

```

        if (inptText) {
          if (inptFile[0].size < 6000000) {

            popup.fire({
              icon: 'info',
              title: 'Loading...',
              text: 'Melakukan Enkripsi',
              timerProgressBar: true,
              timer: 2000,
              showCancelButton: true,
              cancelButtonText: "Hentikan!",
              showConfirmButton: false,
              didOpen: async () => {
                await pstop(300)
                popup.toggleTimer()

                const fd = new FormData();
                fd.append('file', inptFile[0]);
                fd.append('text', inptText);

                let hasil = true;

                hasil = await proses1(fd)
                if (!hasil) {
                  popup.fire({
                    icon: 'error',
                    title: 'Gagal',
                    text: 'Coba Lagi'

```

```

    });
    return false;
}
popup.toggleTimer()

await pstop(300)
popup.toggleTimer()
hasil = await proses2()
if (!hasil) {
    popup.fire({
        icon: 'error',
        title: 'Gagal',
        text: 'Coba Lagi'
    });
    return false;
}
popup.toggleTimer()
await pstop(300)
popup.toggleTimer()
hasil = await proses3()
if (hasil.includes("{batas}")) {
    linkVideo =
hasil.split("{batas}")[1];
} else {
    popup.fire({
        icon: 'error',
        title: 'Gagal',
        text: 'Coba Lagi'

```

```

    });
    return false;
}
popup.toggleTimer()
},
willClose: () => {
    // clearInterval(didOpen);
}
}).then((result) => {
    if (result.dismiss ===
Swal.DismissReason.timer) {
        popup.fire({
            icon: 'success',
            title: 'Berhasil',
        })
        $('#btnDownload').css('display',
'block');
        $('#btnDownload').attr('href',
linkVideo);
        $('#btnDownload').attr('download',
linkVideo);
    }
});

```

```

} else {
    popup.fire({
        icon: 'error',
        title: 'Gagal',

```

```
        text: 'Ukuran video  
' + inptFile[0].size + ' melebihi 6000000 Bytes  
atau 6Mb'
```

```
    });  
  }  
  }  
});
```

```
const pstop = async function (t) {  
  await new Promise(r => setTimeout(r,  
t));  
  return true;  
}
```

```
const proses1 = async function (fd) {  
  await pstop(300)  
  var hasil = await $.ajax({  
    url: '../proses/enkripsi1.php',  
    dataType: 'text',  
    cache: false,  
    contentType: false,  
    processData: false,  
    data: fd,  
    type: 'post'  
  });
```

```
  if (hasil=='berhasil') {  
    return true;  
  } else {  
    return false;
```

```
  }  
}
```

```
const proses2 = async function () {  
  await pstop(300)  
  var hasil = await $.ajax({  
    url: '../proses/enkripsi2.php',  
  });  
  if (hasil=='berhasil') {  
    return true;  
  } else {  
    return false;  
  }  
}
```

```
const proses3 = async function () {  
  await pstop(300)  
  var hasil = await $.ajax({  
    url: '../proses/enkripsi3.php',  
  });  
  return hasil;  
}
```

```
});
```

```
</script>
```

```
</body>
```

```
</html>
```

PROSES ENKRIPSI

```
<?php
```

```
ini_set('display_errors', '1');
```

```
ini_set('display_startup_errors', '1');
```

```
error_reporting(E_ALL);
```

```
$inptText = $_POST['text']; # text  
tersembunyi dari tampilan
```

```
$inptFile = $_FILES['file']; # video dari  
tampilan
```

```
# cari tau ekstensi video
```

```
$fileInfo = pathinfo($inptFile['name']);
```

```
$fileExtension = $fileInfo['extension'];
```

```
$nameVideo = 'fileVideo.' . $fileExtension;
```

```
# pindahkan ke folder untuk diproses
```

```
move_uploaded_file($inptFile['tmp_name'],  
'../enkripsi/sebelum/' . $nameVideo);
```

```
# buka video untuk diproses
```

```
$fileRawVideo =  
fopen('../enkripsi/sebelum/' . $nameVideo,  
'rb');
```

```
# buat file file untuk hasil dari proses 1
```

```
$fileHexVideo =  
fopen('../enkripsi/sebelum/fileHexVideo.txt',  
'w');
```

```
$fileRawText =  
fopen('../enkripsi/sebelum/fileText.txt' ,  
'w');
```

```
$fileHexText =  
fopen('../enkripsi/sebelum/fileHexText.txt' ,  
'w');
```

```
# proses bin ke hex untuk video ->  
fileHexVideo.txt
```

```
$hexVideo = "";
```

```
while (!feof($fileRawVideo)) {  
    $byte = fread($fileRawVideo, 1);  
    $hex = bin2hex($byte);  
    $hexVideo .= $hex . ' ';  
}
```

```
# proses biner ke hex untuk text
```

```
$rawHexText = bin2hex($inptText);
```

```
# selipkan spasi untuk tampilan hex ->  
fileHexText.txt
```

```
$hexText = "";
```

```
$arrHexText = str_split($rawHexText, 2);
```

```
foreach ($arrHexText as $ht) {  
    $hexText .= $ht . ' ';  
}
```

```
# simpan ke dalam file file yang telah
disiapkan
```

```
fwrite($fileHexVideo, $hexVideo);
```

```
fwrite($fileRawText, $inptText);
```

```
fwrite($fileHexText, $hexText);
```

```
# tutup video
```

```
fclose($fileRawVideo);
```

```
chmod('../enkripsi/sebelum/'. $nameVideo,
0777);
```

```
# tutup file file
```

```
fclose($fileHexVideo);
```

```
fclose($fileRawText);
```

```
fclose($fileHexText);
```

```
chmod('../enkripsi/sebelum/fileHexVideo.txt'
, 0777);
```

```
chmod('../enkripsi/sebelum/fileText.txt' ,
0777);
```

```
chmod('../enkripsi/sebelum/fileHexText.txt' ,
0777);
```

```
echo "berhasil"; ?>
```

```
<?php
```

```
ini_set('display_errors', '1');
```

```
ini_set('display_startup_errors', '1');
```

```
error_reporting(E_ALL);
```

```
# proses utama chipper
```

```
function Cipher($sch, $key)
```

```
{
```

```
    if (!ctype_alpha($sch))
```

```
        return $sch;
```

```
    $offset = ord(ctype_upper($sch) ? 'A' : 'a');
```

```
    return chr(fmod((((ord($sch) + $key) -
$offset), 26) + $offset);
```

```
}
```

```
# encode chipper
```

```
function Encipher($input, $key)
```

```
{
```

```
    $output = "";
```

```
    $inputArr = str_split($input);
```

```
    foreach ($inputArr as $sch)
```

```
        $output .= Cipher($sch, $key);
```

```
    return $output;
```

```
}
```

```
# decode chipper
```

```
function Decipher($input, $key)
```

```
{
```

```
    return Encipher($input, 26 - $key);
```

```
}
```

```

# ambil isi file text diselipkan untuk
diproses

$rawText =
file_get_contents('../enkripsi/sebelum/fileText.txt');

# buat file file untuk hasil proses 2

$fileHasilText =
fopen('../enkripsi/sesudah/fileHasilText.txt'
, 'w');

$fileHasilHexText =
fopen('../enkripsi/sesudah/fileHasilHexText.txt', 'w');

# proses metode chipper untuk encode text ->
fileHasilText.txt

$key = 3; # default key

$caesarChipper = Encipher($rawText, $key);

# selipkan spasi untuk tampilan hex ->
fileHasilHexText.txt

$hexHasilText = "";

$hexText = bin2hex($caesarChipper);
$arrHexText = str_split($hexText, 2);
foreach ($arrHexText as $hht) {
    $hexHasilText .= $hht . ' ';
}

# simpan ke dalam file file yang telah
disiapkan

fwrite($fileHasilText, $caesarChipper);
fwrite($fileHasilHexText, $hexHasilText);

```

```

# tutup file file

fclose($fileHasilText);
fclose($fileHasilHexText);

chmod('../enkripsi/sesudah/fileHasilText.txt'
, 0777);

chmod('../enkripsi/sesudah/fileHasilHexText.txt', 0777);

echo 'berhasil'; ?>

<?php

ini_set('display_errors', '1');
ini_set('display_startup_errors', '1');
error_reporting(E_ALL);

$key = 3;          # default key

$batas = '{eof}{batas}'; # {eof}{batas} 7b
65 6f 66 7d 7b 62 61 74 61 73 7d

# mencari ekstensi video

$files = scandir('../enkripsi/sebelum/');
$name = 'fileVideo';

$foundFiles = array_filter($files,
function($fileName) use ($name) {
    return strpos($fileName, $name) !==
false;
});

$foundFile = array_values($foundFiles)[0];

```

```

$fileInfo = pathinfo('../enkripsi/sebelum/' .
$foundFile);
$extVideo = $fileInfo['extension'];
$nameVideo = 'fileHasilVideo.' . $extVideo;

# ambil isi file hex video untuk diproses
$hexVideo =
file_get_contents('../enkripsi/sebelum/fileHe
xVideo.txt');

# ambil isi file hex text untuk diproses
$hexHasilText =
file_get_contents('../enkripsi/sesudah/fileHas
ilHexText.txt');

## ! FILE YANG DIAMBIL MEMILIKI
SPASI DIDALAMNYA (SPASI
DIGUNAKAN UNTUK TAMPILAN
LEBIH RAPIH)

# buat file file untuk hasil proses 2
$fileHasilVideo =
fopen('../enkripsi/sesudah/' . $nameVideo
, 'wb');

$fileHasilHexVideo =
fopen('../enkripsi/sesudah/fileHasilHexVide
o.txt' , 'w');

# proses text batas menjadi hex
$rawHexBatas = bin2hex($batas);

# proses metode eof menyelipkan hex tex di
akhir hex video -> fileHasilHexVideo.txt

```

```

$hexHasilVideo = "";
$hexHasilVideo .= $hexVideo;      #
hex video

$arrHexBatas = str_split($rawHexBatas, 2);
# hex batas (diberikan spasi terlebih dahulu)

foreach ($arrHexBatas as $hb) {
    $hexHasilVideo .= $hb . ' ';
}

$hexHasilVideo .= $hexHasilText;    #
hex text

# proses membuat hasil video enkripsi
# dengan menghapus spasi dan konversi ke
biner -> fileHasilVideo.mp4 (sesuai extensi)

$rawHexHasilVideo = str_replace(' ', '',
$hexHasilVideo);

$rawHasilVideo =
hex2bin($rawHexHasilVideo);

# simpan ke dalam file file
fwrite($fileHasilVideo, $rawHasilVideo);

fwrite($fileHasilHexVideo,
$hexHasilVideo);

# tutup file file
fclose($fileHasilVideo);
fclose($fileHasilHexVideo);

chmod('../enkripsi/sesudah/' . $nameVideo
, 0777);

chmod('../enkripsi/sesudah/fileHasilHexVide
o.txt' , 0777);

```

```
//
file_put_contents('../enkripsi/sesudah/fileHa
silVideo.' . $extVideo, $rawHasilVideo);

//
file_put_contents('../enkripsi/sesudah/fileHa
silHexVideo.txt', $hexHasilVideo);
```

```
echo 'berhasil{batas}../enkripsi/sesudah/' .
$nameVideo; ?>
```

DEKRIPSI

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="utf-8" />
```

```
<meta name="viewport"
content="width=device-width, initial-
scale=1" />
```

```
<meta name="theme-color"
content="#000000" />
```

```
<link rel="stylesheet"
href="../dist/css/fa5.css" />
```

```
<link rel="stylesheet"
href="../dist/css/dropify.css">
```

```
<link rel="stylesheet"
href="../dist/css/sa2.css">
```

```
<link rel="stylesheet"
href="../dist/css/style.css" />
```

```
<script src="../dist/js/sa2.js"></script>
```

```
<title>Steganografi | End of File</title>
```

```
</head>
```

```
<body class="text-gray-800 antialiased">
```

```
<nav class="top-0 absolute z-50 w-full flex
flex-wrap items-center justify-between px-2
py-3 ">
```

```
<div class="container px-4 mx-auto flex
flex-wrap items-center justify-between">
```

```
<div class="w-full relative flex justify-
between">
```

```
<a class="text-sm font-bold leading-
relaxed inline-block mr-4 py-2 whitespace-
nowrap uppercase text-white"
```

```
href="../index.php">
```

```
End of File
```

```
</a>
```

```
<a class="text-sm font-bold leading-
relaxed inline-block mr-4 py-2 whitespace-
nowrap text-white"
```

```
href="../index.php">
```

```
<i class="text-gray-300 fa fa-arrow-
circle-left mr-2"></i>
```

```
Kembali
```

```
</a>
```

```
</div>
```

```
</div>
```

```
</nav>
```

```

<main class="profile-page">
  <section class="relative block"
style="height: 270px;">
    <div class="absolute top-0 w-full h-full
bg-center bg-cover"
style="background-image:
url("../dist/img/bg.jpg");">
      <span id="blackOverlay" class="w-full
h-full absolute opacity-50 bg-
black"></span>
    </div>
    <div class="top-auto bottom-0 left-0
right-0 w-full absolute pointer-events-none
overflow-hidden"
style="height: 70px;">
      <svg class="absolute bottom-0
overflow-hidden"
xmlns="http://www.w3.org/2000/svg"
preserveAspectRatio="none"
version="1.1" viewBox="0 0 2560
100" x="0" y="0">
        <polygon class="text-gray-300 fill-
current" points="2560 0 2560 100 0
100"></polygon>
      </svg>
    </div>
  </section>
  <section class="relative py-16 bg-gray-
300">
    <div class="container mx-auto px-4">
      <div class="relative flex flex-col min-
w-0 break-words bg-white w-full mb-6
shadow-xl rounded-lg -mt-64">

```

```

      <div class="bg-white shadow-md p-
8 rounded-md mt-8">
        <div class="mb-8">
          <h1 class="text-2xl font-bold text-
gray-800 mb-2">Dekripsi</h1>
        </div>
        <div class="mb-8">
          <div class="flex flex-col md:flex-
row w-full gap-6">
            <div class="w-full">
              <h1 class="font-bold text-gray-
700 mb-2">
                <i class="fas fa-file-video mr-
2 text-lg text-gray-500"></i>
                Video
              </h1>
              <input type="file" id="inptFile"
name="file_video" class="dropify" data-
allowed-file-extensions="avi mp4">
            </div>
            <div class="w-full" id="divText"
style="display: none">
              <h1 class="font-bold text-gray-
700 mb-2">
                <i class="fas fa-edit mr-2 text-
lg text-gray-500"></i>
                Text Tersembunyi
              </h1>
              <textarea id="hiddenText"
style="border: 2px solid #E5E5E5; height:

```

```

200px; padding: 12px; width: 100%"
class=""></textarea>

</div>

</div>

</div>

<div class="flex items-center
justify-between">

<button

class="bg-indigo-500 text-
neutral-100 active:bg-indigo-600 text-xs
font-bold uppercase px-5 py-3 rounded
shadow hover:shadow-md hover:shadow-
neutral-400 outline-none focus:outline-
none"

type="button"

id="btnDekripsi"

style="transition: all 0.15s ease
0s;">

<i class="fas fa-play-circle"></i>

DEKRIPSI

</button>

<a href="../enkripsi/enkripsi.php"
class="underline font-normal text-pink-
500">Enkripsi</a>

</div>

</div>

</div>

</div>

</section>

```

```

<section class="relative py-16 bg-gray-
300">

<br><br><br><br><br><br>

<div class="container mx-auto px-4">

<div class="relative flex flex-col min-
w-0 break-words bg-white w-full mb-6
rounded-lg -mt-64">

<div class="bg-white p-8 rounded-
md mt-8">

<div id="docDekripsi">

<?php include('doc.php'); ?>

</div>

</div>

</div>

</div>

</section>

</main>

<footer class="relative bg-gray-300 pt-8
pb-6">

<div class="container mx-auto px-4">

<hr class="my-6 border-gray-400" />

<div class="flex flex-wrap items-center
md:justify-between justify-center">

<div class="w-full md:w-4/12 px-4
mx-auto text-center">

```

```
<div class="text-sm text-gray-600  
font-semibold py-1">
```

```
    Sidang Skripsi - 2023
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</footer>
```

```
<script src="../../dist/js/jquery.js"></script>
```

```
<script src="../../dist/js/dropify.js"></script>
```

```
<script>
```

```
    $(document).ready(function() {
```

```
        const fileDrop = $('#dropify').dropify({
```

```
            messages: {
```

```
                'default': 'Drag dan drop video disini  
atau click',
```

```
                'replace': 'Drag dan drop atau click  
untuk mengganti',
```

```
                'remove': 'Hapus',
```

```
                'error': 'Kesalahan Terjadi, Coba  
Periksa Lagi',
```

```
            },
```

```
            error: {
```

```
                'fileExtension': 'Masukkan Video  
dengan Ekstensi {{ value }}.'
```

```
            }
```

```
        });
```

```
const popup = Swal.mixin()
```

```
$('#btnDekripsi').on('click', function(e) {
```

```
    const inptFile =
```

```
    $('#inptFile').prop('files');
```

```
if (inptFile[0]) {
```

```
    popup.fire({
```

```
        icon: 'info',
```

```
        title: 'Loading...',
```

```
        text: 'Melakukan Dekripsi',
```

```
        timerProgressBar: true,
```

```
        timer: 1000,
```

```
        showCancelButton: true,
```

```
        cancelButtonText: "Hentikan!",
```

```
        showConfirmButton: false,
```

```
        didOpen: async () => {
```

```
            await pstop(300)
```

```
            popup.toggleTimer()
```

```
const fd = new FormData();
```

```
fd.append('file', inptFile[0]);
```

```
let hasil = true;
```

```
hasil = await proses1(fd)
```

```
if (!hasil) {
```

```

        popup.fire({
            icon: 'error',
            title: 'Gagal',
            text: 'Coba Lagi'
        });
        return false;
    }
    popup.toggleTimer()

    await pstop(300)
    popup.toggleTimer()
    hasil = await proses2()
    if (hasil == 'kosong') {
        popup.fire({
            icon: 'warning',
            title: 'Selesai',
            text: 'Tidak ada text yang
diselipkan'
        });
        $.ajax({url:
'doc.php'}).then((r)=>{
            $('#docDekripsi').html(r);
        });
        return false;
    } else if (hasil != 'berhasil') {
        popup.fire({
            icon: 'error',
            title: 'Gagal',
            text: 'Coba Lagi'
        });
        return false;
    }
    popup.toggleTimer()

    await pstop(300)
    popup.toggleTimer()
    hasil = await proses3()
    if (!hasil) {
        popup.fire({
            icon: 'error',
            title: 'Gagal',
            text: 'Coba Lagi'
        });
        return false;
    }
    popup.toggleTimer()

    },
    willClose: () => {
        // clearInterval(didOpen);

```

```

    }
    }).then(async (result) => {
        if (result.dismiss ===
        Swal.DismissReason.timer) {

            popup.fire({
                icon: 'success',
                title: 'Berhasil',
            });

            let hasil = await $.ajax({
                url:
                '../doc/echoFile.php?file=dekripsi/sesudah/fileText.txt',
            });

            $('#hiddenText').html(hasil)
            $('#divText').css('display', 'block');

            $.ajax({url: 'doc.php'}).then((r)=>{
                $('#docDekripsi').html(r);
            });
        }
    });

}
});

```

```

const pstop = async function (t) {
    await new Promise(r => setTimeout(r,
    t));
    return true;
}

const proses1 = async function (fd) {
    await pstop(300)
    var hasil = await $.ajax({
        url: '../proses/dekripsi1.php',
        dataType: 'text',
        cache: false,
        contentType: false,
        processData: false,
        data: fd,
        type: 'post',
    });

    if (hasil=='berhasil') {
        return true;
    } else {
        return false;
    }
}

const proses2 = async function () {
    await pstop(300)
    var hasil = await $.ajax({
        url: '../proses/dekripsi2.php',

```

});	</html>
if (hasil=='berhasil' hasil=='kosong') {	<!DOCTYPE html>
return hasil;	<html>
} else {	
return false;	<head>
}	<meta charset="utf-8" />
}	<meta name="viewport"
	content="width=device-width, initial-
	scale=1" />
const proses3 = async function () {	<meta name="theme-color"
await pstop(300)	content="#000000" />
var hasil = await \$.ajax({	
url: '../proses/dekripsi3.php',	<link rel="stylesheet"
});	href="../dist/css/fa5.css" />
	<link rel="stylesheet"
	href="../dist/css/style.css" />
if (hasil=='berhasil') {	
return true;	<script src="../dist/js/jquery.js"></script>
} else {	
return false;	<title>Steganografi End of File</title>
}	</head>
}	
	<body class="text-gray-800 antialiased">
});	<nav class="top-0 absolute z-50 w-full flex
</script>	flex-wrap items-center justify-between px-2
</body>	py-3 ">
	<div class="container px-4 mx-auto flex
	flex-wrap items-center justify-between">

```
<div class="w-full relative flex justify-between">
```

```
<a class="text-sm font-bold leading-relaxed inline-block mr-4 py-2 whitespace-nowrap uppercase text-white"
```

```
href="..">
```

```
End of File
```

```
</a>
```

```
<a class="text-sm font-bold leading-relaxed inline-block mr-4 py-2 whitespace-nowrap text-white"
```

```
href="index.php">
```

```
<i class="text-gray-300 fa fa-arrow-circle-left mr-2"></i>
```

```
Kembali
```

```
</a>
```

```
</div>
```

```
</div>
```

```
</nav>
```

```
<main class="profile-page">
```

```
<section class="relative block" style="height: 270px;">
```

```
<div class="absolute top-0 w-full h-full bg-center bg-cover"
```

```
style='background-image: url("../dist/img/bg.jpg");'>
```

```
<span id="blackOverlay" class="w-full h-full absolute opacity-50 bg-black"></span>
```

```
</div>
```

```
<div class="top-auto bottom-0 left-0 right-0 w-full absolute pointer-events-none overflow-hidden"
```

```
style="height: 70px;">
```

```
<svg class="absolute bottom-0 overflow-hidden"
```

```
xmlns="http://www.w3.org/2000/svg" preserveAspectRatio="none"
```

```
version="1.1" viewBox="0 0 2560 100" x="0" y="0">
```

```
<polygon class="text-gray-300 fill-current" points="2560 0 2560 100 0 100"></polygon>
```

```
</svg>
```

```
</div>
```

```
</section>
```

```
<section class="relative py-16 bg-gray-300">
```

```
<div class="container mx-auto px-4">
```

```
<div class="relative flex flex-col min-w-0 break-words bg-white w-full mb-6 shadow-xl rounded-lg -mt-64">
```

```
<div class="bg-white shadow-md p-8 rounded-md mt-8">
```

```
<div class="mb-10">
```

```
<h1 class="text-2xl font-bold text-gray-800 mb-2">Dekripsi</h1>
```

```
<p class="text-gray-600">Proses dekripsi mengambil text yang terselip pada video</p>
```

```
</div>
```

```

<!-- Notebook Content -->

<div class="mb-8">

  <h2 class="text-xl font-bold text-gray-700 mb-2">Langkah 1</h2>

  <p class="text-gray-800">

    Pada langkah ini video yang yang telah diselipkan text tersembunyi di-input. Dengan ketetapan "7b 65 6f 66 7d 7b 62 61 74 61 73 7d" sebagai pembatas atau dalam bentuk text adalah "{eof}{batas}", maka jika batas yang telah ditentukan tidak ada di akhir file maka video tersebut tidak pernah dilakukan proses penyelipan.

  </p>

</div>

<!-- Code Cell -->

<div class="border border-gray-300 rounded-md p-4 mb-4">

  <p class="text-gray-600 mb-2">Langkah [1]: <button onclick="langkah1(this)" class="active:bg-gray-200 rounded-md px-2"><i class="far fa-play-circle"></i> Run</button></p>

  <div class="bg-gray-100 p-2 rounded-md text-sm">

    <div class="flex flex-col gap-2">

      <input type="file" name="" id="inptFile" class="p-2">

    </div>

  </div>

</div>

```

```

<!-- Markdown Cell -->

<div class="mb-4">

  <p class="text-gray-600 mb-2">Hasil [1]:

    <a href="../doc/echoFull.php?file=dekripsi/sebelum/fileHasilHexVideo.txt" class="text-xs underline ml-4" target="_blank">fileHasilHexVideo.txt</a>

  </p>

  <div class="prose">

    <div class="flex gap-4">

      <div class="w-full" >

        <div class="font-bold">Hex Video:</div>

        <div class="font-mono" id="hexVideo"></div>

      </div>

    </div>

  </div>

</div>

<script>

  async function langkah1(e) {

    const inptFile = $('#inptFile').prop('files');

    const fd = new FormData();

    fd.append('file', inptFile[0]);

    let hasil = await $.ajax({

```

```

        url:
'../proses/dekripsi1.php',
        dataType: 'text',
        cache: false,
        contentType: false,
        processData: false,
        data: fd,
        type: 'post'
    });

    hasil = await $.ajax({
        url:
'../doc/echoVideo.php?file=dekripsi/sebelum
/fileHasilHexVideo.txt',
    });

    var kataYangDitebalkan = '7b
65 6f 66 7d 7b 62 61 74 61 73 7d';

    var indeksKata =
hasil.indexOf(kataYangDitebalkan);

    var kataTebal = hasil.slice(0,
indeksKata) +

        "<strong>" +
hasil.slice(indeksKata, indeksKata +
kataYangDitebalkan.length) + "</strong>" +

hasil.slice(indeksKata +
kataYangDitebalkan.length);

```

```

$('#hexVideo').html(kataTebal)

```

```

    }
</script>
<!-- Notebook Content -->
<div class="mb-8">
    <h2 class="text-xl font-bold
text-gray-700 mb-2">Langkah 2</h2>
    <p class="text-gray-800">

```

Pada langkah ini, Text akan dikeluarkan dari video dengan melakukan pemotongan (explode) berdasarkan hal yang telah ditentukan yaitu "7b 65 6f 66 7d 7b 62 61 74 61 73 7d" atau "{eof}{batas}". Text yang telah dipisahkan akan dilakukan decode menggunakan Caesar Chipertext dengan key = 3, agar menemukan hasil text yang dapat dibaca.

```

    </p>
</div>

<!-- Another Code Cell -->
<div class="border border-gray-
300 rounded-md p-4 mb-4">
    <p class="text-gray-600 mb-
2">Langkah [2]: <button
onclick="langkah2(this)" class="active:bg-
gray-200 rounded-md px-2"><i class="far
fa-play-circle"></i> Run</button></p>
    <div class="bg-gray-100 p-2
rounded-md text-sm">
        <div class="flex flex-col gap-
2">

```

```
        <input type="text"
name="" id="inptKey" class="p-2 mx-2"
placeholder="Key">
```

```
    </div>
```

```
</div>
```

```
</div>
```

```
<!-- Markdown Cell -->
```

```
<div class="mb-4">
```

```
    <p class="text-gray-600 mb-
2">Hasil [2]:</p>
```

```
    <div class="prose">
```

```
        <div class="flex gap-4">
```

```
            <div class="w-full" >
```

```
                <div class="font-
bold">Raw Text:</div>
```

```
                    <div class="font-mono
rawText"></div>
```

```
                        <div class="font-bold
mt-1">Hex Text:</div>
```

```
                            <div class="font-mono
hexText"></div>
```

```
                                </div>
```

```
                                    <div class="w-full">
```

```
                                        <div class="font-
bold">Decode Caesar Chipper Text:</div>
```

```
                                            <div class="font-mono"
id="chipperText"></div>
```

```
                                                <div class="font-bold
mt-1">Decode Caesar Chipper Hex
Text:</div>
```

```
        <div class="font-mono"
id="hexChiperText"></div>
```

```
    </div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<script>
```

```
    async function langkah2(e) {
```

```
        let inptKey =
$('#inptKey').val();
```

```
        if (inptKey == '') { inptKey
= "3" }
```

```
        console.log(inptKey);
```

```
        hasil = await $.ajax({
            url:
'../proses/dekripsi2.php?key=' +inptKey,
        });
```

```
        hasil = await $.ajax({
            url:
'../doc/echoFile.php?file=dekripsi/sesudah/fi
leText.txt',
```

```
        });
        $('#chipperText').html(hasil)
```

```
        hasil = await $.ajax({
```

```

        url:
'../doc/echoFile.php?file=dekripsi/sesudah/fi
leHexText.txt',
    });

```

```

$('#hexChiperText').html(hasil)

```

```

    hasil = await $.ajax({

```

```

        url:
'../doc/echoFile.php?file=dekripsi/sesudah/fi
leHasilText.txt',
    });

```

```

$('#.rawText').html(hasil)

```

```

    hasil = await $.ajax({

```

```

        url:
'../doc/echoFile.php?file=dekripsi/sesudah/fi
leHasilHexText.txt',
    });

```

```

$('#.hexText').html(hasil)

```

```

    }

```

```

</script>

```

```

<!-- Notebook Content -->

```

```

<div class="mb-8">

```

```

    <h2 class="text-xl font-bold
text-gray-700 mb-2">Langkah 3</h2>

```

```

    <p class="text-gray-800">

```

Pada langkah ini adalah langkah untuk membuat kembali video yang text tersembunyi telah dikeluarkan, agar

menjadi video bersih dari text tersembunyi. Keunggulan dari metode End of File adalah memungkinkan menyelipkan text kedalam video Tanpa mempengaruhi kualitas visual video.

```

</p>

```

```

</div>

```

```

<!-- Another Code Cell -->

```

```

<div class="border border-gray-
300 rounded-md p-4 mb-4">

```

```

    <p class="text-gray-600 mb-
2">Langkah [3]: <button
onclick="langkah3(this)" class="active:bg-
gray-200 rounded-md px-2"><i class="far
fa-play-circle"></i> Run</button></p>

```

```

    <!-- <div class="bg-gray-100 p-
2 rounded-md text-sm">

```

```

    <div class="flex flex-col gap-
2">

```

```

        <input type="file"
name="" id="inptFile1" class="p-2">

```

```

    </div>

```

```

</div>

```

```

<div class="bg-gray-100 p-2
rounded-md text-sm">

```

```

    <div class="flex flex-col gap-
2">

```

```

        <input type="file"
name="" id="inptFile2" class="p-2">

```

```

    </div>

```

```

</div> -->

```

```

</div>

```

```

<!-- Markdown Cell -->

<div class="mb-4">

    <p class="text-gray-600 mb-2">Hasil [3]:

        <a
href="../doc/echoFull.php?file=enkripsi/sebelum/fileHexVideo.txt" class="text-xs
underline ml-4"
target="_blank">fileHexVideo.txt(asli)</a>

        <a
href="../doc/echoFull.php?file=dekripsi/sesudah/fileHexVideo.txt" class="text-xs
underline ml-4"
target="_blank">fileHexVideo.txt(bersih)</a>

    </p>

    <div class="prose">

        <div class="flex gap-4">

            <div class="w-full" >

                <div class="font-bold
mt-1">Hex Video Asli:</div>

                <div class="font-mono"
id="hexVideoAsli"></div>

            </div>

            <div class="w-full" >

                <div class="font-bold
mt-1">Hex Video Bersih:</div>

                <div class="font-mono"
id="hexHasilVideo"></div>

            </div>

        </div>

    </div>

</div>

```

```

</div>

<script>

    async function langkah3(e) {

        let hasil = await $.ajax({

            url:
            '../proses/dekripsi3.php',

        });

        hasil = await $.ajax({

            url:
            '../doc/echoVideo.php?file=enkripsi/sebelum
            /fileHexVideo.txt',

        });

        $('#hexVideoAsli').html(hasil)

        hasil = await $.ajax({

            url:
            '../doc/echoVideo.php?file=dekripsi/sesudah
            /fileHexVideo.txt',

        });

        $('#hexHasilVideo').html(hasil)

    }

</script>

</div>

</div>

</div>

```



```
lum/fileHasilHexVideo.txt" class="font-normal text-xs underline ml-4" target="_blank">fileHasilHexVideo.txt</a>
```

```
</div>
```

```
<div class="font-mono">
```

```
<?php
```

```
$_GET['file'] =  
"dekripsi/sebelum/fileHasilHexVideo.txt";
```

```
include("../doc/echoVideo.php"); ?>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<!-- Notebook Content -->
```

```
<div class="mb-8">
```

```
<h2 class="text-xl font-bold text-gray-700 mb-2">Langkah 2</h2>
```

```
<p class="text-gray-800">
```

Jika hasil pengecekan pembatas berhasil ditemukan, maka langkah selanjutnya yaitu

melakukan pemotongan atau (explode) pada bagian pembatas tersebut untuk meisahkan

bagian video (bagian 1) dan bagian text tersembunyi (bagian 2).

```
</p>
```

```
<p class="text-gray-800">
```

Text tersembunyi (bagian 2) kemudian diambil dan dilakukan proses decode menggunakan Caesar Chipertext

dengan menggunakan key = 3 (key ini harus sama pada saat proses enkripsi),

untuk menemukan hasil text yang sebenarnya.

```
</p>
```

```
</div>
```

```
<!-- Markdown Cell -->
```

```
<div class="border border-gray-300 rounded-md p-4 mb-4">
```

```
<p class="text-gray-600 mb-2">Hasil [2]:</p>
```

```
<div class="prose">
```

```
<div class="flex gap-4">
```

```
<div class="w-full" >
```

```
<div class="font-bold">Text  
Tersembunyi:
```

```
<a  
href="../doc/echoFull.php?file=dekripsi/sesudah/fileHasilText.txt" class="font-normal text-xs underline ml-4" target="_blank">fileHasilText.txt</a>
```

```
</div>
```

```
<div class="font-mono">
```

```
<?php
```

```

        $_GET['file'] =
"dekripsi/sesudah/fileHasilText.txt";

        include("../doc/echoFile.php")
?>

</div>

<div class="font-bold mt-1">Hex
Text Tersembunyi:

    <a
href="../doc/echoFull.php?file=dekripsi/sesu
dah/fileHasilHexText.txt" class="font-
normal text-xs underline ml-4"
target="_blank">fileHasilHexText.txt</a>

    </div>

    <div class="font-mono">

        <?php

            $_GET['file'] =
"dekripsi/sesudah/fileHasilHexText.txt";

            include("../doc/echoFile.php")
?>

        </div>

    </div>

    <div class="w-full">

        <div class="font-bold">Decode
Caesar Chiper Text:

            <a
href="../doc/echoFull.php?file=dekripsi/sesu
dah/fileText.txt" class="font-normal text-xs
underline ml-4"
target="_blank">fileText.txt</a>

        </div>

    <div class="font-mono">

        <?php

```

```

        $_GET['file'] =
"dekripsi/sesudah/fileText.txt";

        include("../doc/echoFile.php")
?>

</div>

<div class="font-bold mt-
1">Decode Caesar Chiper Hex Text:

    <a
href="../doc/echoFull.php?file=dekripsi/sesu
dah/fileHexText.txt" class="font-normal
text-xs underline ml-4"
target="_blank">fileHexText.txt</a>

    </div>

    <div class="font-mono"
id="hexChiperText">

        <?php

            $_GET['file'] =
"dekripsi/sesudah/fileHexText.txt";

            include("../doc/echoFile.php")
?>

        </div>

    </div>

    <div>

        </div>

    </div>

</div>

<!-- Notebook Content -->

<div class="mb-8">

    <h2 class="text-xl font-bold text-gray-700
mb-2">Langkah 3</h2>

```

<p class="text-gray-800">

Dengan metode ini mungkin menyelipkan text tanpa mempengaruhi kualitas dari videonya, untuk

membandingkannya maka hasil explode pada bagian video (bagian 1) akan ditampilkan pada sebelah

kanan dan pada sebelah kiri ditampilkan hex dari video sebelum dilakukan proses penyelipan.

</p>

<p class="text-gray-800">

Hasil hex yang sama menandakan bahwa file benar benar sama atau tidak berubah sama sekali,

yang membedakan hanya text tersembunyi (bagian 2) dan pembatas yang terdapat pada

video yang telah diselipkan dan telah di explode sebelumnya.

</p>

</div>

<!-- Markdown Cell -->

<div class="border border-gray-300 rounded-md p-4 mb-4">

<p class="text-gray-600 mb-2">Hasil [3]:

</p>

<div class="prose">

<div class="flex gap-4">

<div class="w-full" >

<div class="font-bold mt-1">Hex Video Asli:

fileHexVideo.txt

</div>

<div class="font-mono">

<?php

\$_GET['file'] =
"enkripsi/sebelum/fileHexVideo.txt";

include("../doc/echoVideo.php")
?>

</div>

</div>

<div class="w-full" >

<div class="font-bold mt-1">Hex Video Bersih:

fileHexVideo.txt

</div>

<div class="font-mono">

<?php

\$_GET['file'] =
"dekripsi/sesudah/fileHexVideo.txt";

include("../doc/echoVideo.php")
?>

</div>

</div>

```
        </div>
    </div>
</div>

</div>

<!DOCTYPE html>
<html>

<head>

    <meta charset="utf-8" />

    <meta name="viewport"
content="width=device-width, initial-
scale=1" />

    <meta name="theme-color"
content="#000000" />

    <link rel="stylesheet"
href="../dist/css/fa5.css" />

    <link rel="stylesheet"
href="../dist/css/dropify.css">

    <link rel="stylesheet"
href="../dist/css/sa2.css">

    <link rel="stylesheet"
href="../dist/css/style.css" />

<script src="../dist/js/sa2.js"></script>

<title>Steganografi | End of File</title>
</head>
```

```
<body class="text-gray-800 antialiased">

    <nav class="top-0 absolute z-50 w-full flex
flex-wrap items-center justify-between px-2
py-3 ">

        <div class="container px-4 mx-auto flex
flex-wrap items-center justify-between">

            <div class="w-full relative flex justify-
between">

                <a class="text-sm font-bold leading-
relaxed inline-block mr-4 py-2 whitespace-
nowrap uppercase text-white"

                    href="../index.php">

                        End of File

                </a>

                <a class="text-sm font-bold leading-
relaxed inline-block mr-4 py-2 whitespace-
nowrap text-white"

                    href="detail.php">

                        <i class="text-gray-300 far fa-file-alt
text-lg leading-lg mr-2"></i>

                        Detail Dekripsi

                    </a>

                </div>

            </div>

        </nav>

    <main class="profile-page">

        <section class="relative block"
style="height: 270px;">

            <div class="absolute top-0 w-full h-full
bg-center bg-cover">
```

```

        style='background-image:
url("../dist/img/bg.jpg");'>

        <span id="blackOverlay" class="w-full
h-full absolute opacity-50 bg-
black"></span>

    </div>

    <div class="top-auto bottom-0 left-0
right-0 w-full absolute pointer-events-none
overflow-hidden"

        style="height: 70px;">

        <svg class="absolute bottom-0
overflow-hidden"
xmlns="http://www.w3.org/2000/svg"
preserveAspectRatio="none"

        version="1.1" viewBox="0 0 2560
100" x="0" y="0">

            <polygon class="text-gray-300 fill-
current" points="2560 0 2560 100 0
100"></polygon>

        </svg>

    </div>

</section>

<section class="relative py-16 bg-gray-
300">

    <div class="container mx-auto px-4">

        <div class="relative flex flex-col min-
w-0 break-words bg-white w-full mb-6
shadow-xl rounded-lg -mt-64">

            <div class="bg-white shadow-md p-
8 rounded-md mt-8">

                <div class="mb-8">

                    <h1 class="text-2xl font-bold text-
gray-800 mb-2">Dekripsi</h1>

```

```

    </div>

    <div class="mb-8">

        <div class="flex flex-col md:flex-
row w-full gap-6">

            <div class="w-full">

                <h1 class="font-bold text-gray-
700 mb-2">

                    <i class="fas fa-file-video mr-
2 text-lg text-gray-500"></i>

                    Video

                </h1>

                <input type="file" id="inptFile"
name="file_video" class="dropify" data-
allowed-file-extensions="avi mp4">

            </div>

            <div class="w-full" id="divText"
style="display: none">

                <h1 class="font-bold text-gray-
700 mb-2">

                    <i class="fas fa-edit mr-2 text-
lg text-gray-500"></i>

                    Text Tersembunyi

                </h1>

                <textarea id="hiddenText"
style="border: 2px solid #E5E5E5; height:
200px; padding: 12px; width: 100%"
class=""></textarea>

            </div>

        </div>

    </div>

</div>

```



```

    }
  });

  const popup = Swal.mixin(

    $('#btnDekripsi').on('click', function(e) {

      const inptFile =
        $('#inptFile').prop('files');

      if (inptFile[0]) {

        popup.fire({
          icon: 'info',
          title: 'Loading...',
          text: 'Melakukan Dekripsi',
          timerProgressBar: true,
          timer: 1000,
          showCancelButton: true,
          cancelButtonText: "Hentikan!",
          showConfirmButton: false,
          didOpen: async () => {

            await pstop(300)

            popup.toggleTimer()

            const fd = new FormData();
            fd.append('file', inptFile[0]);

            let hasil = true;

```

```

            hasil = await proses1(fd)
            if (!hasil) {
              popup.fire({
                icon: 'error',
                title: 'Gagal',
                text: 'Coba Lagi'
              });
              return false;
            }
            popup.toggleTimer()

            await pstop(300)
            popup.toggleTimer()
            hasil = await proses2()
            if (hasil == 'kosong') {
              popup.fire({
                icon: 'warning',
                title: 'Selesai',
                text: 'Tidak ada text yang
diselipkan'
              });
              return false;
            } else if (hasil != 'berhasil') {
              popup.fire({
                icon: 'error',
                title: 'Gagal',
                text: 'Coba Lagi'
              });

```

```

        return false;
    }
    popup.toggleTimer()

    await pstop(300)
    popup.toggleTimer()
    hasil = await proses3()
    if (!hasil) {
        popup.fire({
            icon: 'error',
            title: 'Gagal',
            text: 'Coba Lagi'
        });
        return false;
    }
    popup.toggleTime
},
willClose: () => {
    // clearInterval(didOpen);
}
}).then(async (result) => {
    if (result.dismiss ===
Swal.DismissReason.timer) {
        popup.fire({
            icon: 'success',
            title: 'Berhasil',
        });
    }
});

```

```

        let hasil = await $.ajax({
            url:
'../doc/echoFile.php?file=dekripsi/sesudah/fileText.txt',

        });

        console.log(hasil);

        $('#hiddenText').html(hasil)
        $('#divText').css('display', 'block');
    }
});

    }
});

const pstop = async function (t) {
    await new Promise(r => setTimeout(r,
t));
    return true;
}

const proses1 = async function (fd) {
    await pstop(300)
    var hasil = await $.ajax({
        url: '../proses/dekripsi1.php',
        dataType: 'text',
    });
}

```

```

        cache: false,
        contentType: false,
        processData: false,
        data: fd,
        type: 'post',
    });

    if (hasil=='berhasil') {
        return true;
    } else {
        return false;
    }
}

const proses2 = async function () {
    await pstop(300)
    var hasil = await $.ajax({
        url: '../proses/dekripsi2.php',
    });

    if (hasil=='berhasil' || hasil=='kosong') {
        return hasil;
    } else {
        return false;
    }
}

const proses3 = async function () {

```

```

        await pstop(300)
        var hasil = await $.ajax({
            url: '../proses/dekripsi3.php',
        });

        if (hasil=='berhasil') {
            return true;
        } else {
            return false;
        }
    });
</script>
</body>
</html>

PROSES DEKRIPSI

<?php
    ini_set('display_errors', '1');
    ini_set('display_startup_errors', '1');
    error_reporting(E_ALL);

    $inptFile = $_FILES['file']; # video dari
    tampilan

```

```

# cari tau extensi video

$fileInfo = pathinfo($inptFile['name']);
$fileExtension = $fileInfo['extension'];

$nameVideo = 'fileHasilVideo.' .
$fileExtension;

# pindahkan ke folder untuk diproses
move_uploaded_file($inptFile['tmp_name'],
'../dekripsi/sebelum/' . $nameVideo);

# buka video untuk diproses

$fileHasilVideo =
fopen('../dekripsi/sebelum/' . $nameVideo,
'rb');

# buat file untuk hasil proses 1

$fileHasilHexVideo =
fopen('../dekripsi/sebelum/fileHasilHexVide
o.txt', 'w');

# proses bin ke hex untuk video ->
fileHasilHexVideo.txt

$hexVideo = "";
while (!feof($fileHasilVideo)) {
    $byte = fread($fileHasilVideo, 1);
    $hex = bin2hex($byte);
    $hexVideo .= $hex . ' ';
}

# simpan ke dalam file yang telah disiapkan
fwrite($fileHasilHexVideo, $hexVideo);

```

```

# tutup video
fclose($fileHasilVideo);

chmod('../dekripsi/sebelum/' . $nameVideo,
0777);

# tutup file
fclose($fileHasilHexVideo);

chmod('../dekripsi/sebelum/fileHasilHexVid
eo.txt', 0777);

echo 'berhasil'; ?>

<?php

ini_set('display_errors', '1');
ini_set('display_startup_errors', '1');
error_reporting(E_ALL);

# proses utama chipper
function CIPHER($sch, $key)
{
    if (!ctype_alpha($sch))
        return $sch;

    $offset = ord(ctype_upper($sch) ? 'A' : 'a');

    return chr(fmod((((ord($sch) + $key) -
$offset), 26) + $offset);
}

```

```

# encode chipper

function Encipher($input, $key)
{
    $output = "";

    $inputArr = str_split($input);
    foreach ($inputArr as $ch)
        $output .= Cipher($ch, $key);

    return $output;
}

# decode chipper

function Decipher($input, $key)
{
    return Encipher($input, -$key + 26 + 26 + 26);
}

$key = 3;                                # default
key

$batas = '7b 65 6f 66 7d 7b 62 61 74 61 73
7d '; # {eof}{batas} 7b 65 6f 66 7d 7b 62 61
74 61 73 7d

# kalau ada key baru yang dikirim maka
ganti default key

if (isset($_GET['key'])) {
    $key = $_GET['key'];
}

```

```

# ambil isi video untuk diproses

$fileHasilHexVideo =
file_get_contents('../dekripsi/sebelum/' .
'fileHasilHexVideo.txt');

## ! FILE YANG DIAMBIL MEMILIKI
SPASI DIDALAMNYA (SPASI
DIGUNAKAN UNTUK TAMPILAN
LEBIH RAPIH)

# jika tidak ditemukan batas maka video ini
tidak pernah diselipkan text

if (!(strpos($fileHasilHexVideo, $batas) !==
false)) {
    echo "kosong";
    exit();
}

# posisi hasil file

$lokasi = '../dekripsi/sesudah/';

# buat file file untuk hasil proses 2

$fileHasilText = fopen($lokasi .
'fileHasilText.txt' , 'w');

$fileHasilHexText = fopen($lokasi .
'fileHasilHexText.txt', 'w');

$fileText = fopen($lokasi . 'fileText.txt'
, 'w');

$fileHexText = fopen($lokasi .
'fileHexText.txt' , 'w');

```

```

# proses metode eof memisahkan hex text di
akhir hex video -> fileHasilHexText.txt

$hexHasilText = explode($batas,
$fileHasilHexVideo)[1];

# bersihkan spasi untuk hex text ->
fileHasilText.txt

$hasilText = str_replace(' ', '',
$hexHasilText);

$rawHasilText = hex2bin($hasilText);

# proses metode chipper untuk decode text ->
fileText.txt

$rawText = Decipher($rawHasilText, $key);

# selipkan spasi untuk tampilan hex ->
fileHexText.txt

$hexText = "";

$hexRawText = bin2hex($rawText);

$arrHexText = str_split($hexRawText, 2);

foreach ($arrHexText as $ht) {
    $hexText .= $ht . ' ';
}

# simpan ke dalam file file yang telah
disiapkan

fwrite($fileHasilHexText, $hexHasilText);

fwrite($fileHasilText, $rawHasilText);

fwrite($fileText, $rawText);

fwrite($fileHexText, $hexText);

```

```

# tutup file file

fclose($fileHasilHexText);

fclose($fileHasilText);

fclose($fileText);

fclose($fileHexText);

chmod($lokasi . 'fileHasilText.txt' , 0777);

chmod($lokasi . 'fileHasilHexText.txt',
0777);

chmod($lokasi . 'fileText.txt' , 0777);

chmod($lokasi . 'fileHexText.txt' , 0777);

echo 'berhasil'; ?>

<?php

ini_set('display_errors', '1');

ini_set('display_startup_errors', '1');

error_reporting(E_ALL);

$key = 3; # default
key

$batas = '7b 65 6f 66 7d 7b 62 61 74 61 73
7d '; # {eof}{batas} 7b 65 6f 66 7d 7b 62 61
74 61 73 7d

# mencari extensi video

$files = scandir('../dekripsi/sebelum/');

$name = 'fileHasilVideo';

$foundFiles = array_filter($files,
function($fileName) use ($name) {

```

```

    return strpos($fileName, $name) !==
false;
});
$foundFile = array_values($foundFiles)[0];
$fileInfo = pathinfo('../dekripsi/sebelum/' .
$foundFile);
$extVideo = $fileInfo['extension'];
$nameVideo = 'fileVideo.' . $extVideo;

# ambil isi file hex video untuk diproses
$fileHasilHexVideo =
file_get_contents('../dekripsi/sebelum/' .
'fileHasilHexVideo.txt');

# buat file file untuk hasil proses 3
$fileHexVideo =
fopen('../dekripsi/sesudah/fileHexVideo.txt',
'w');
$fileVideo = fopen('../dekripsi/sesudah/' .
$nameVideo , 'wb');

# proses metode eof memisahkan hex text di
akhir hex video -> fileHexVideo.txt
$hexVideo = explode($batas,
$fileHasilHexVideo)[0];

# proses membuat hasil video dekripsi
# dengan menghapus spasi dan konversi ke
biner -> fileVideo.mp4 (sesuai extensi)
$rawHexVideo = str_replace(' ', '',
$hexVideo);
$rawVideo = hex2bin($rawHexVideo)

```

```

# simpan ke dalam file file
fwrite($fileHexVideo, $hexVideo);
fwrite($fileVideo, $rawVideo);

# tutup file file
fclose($fileHexVideo);
fclose($fileVideo);
chmod('../dekripsi/sesudah/fileHexVideo.txt'
, 0777);
chmod('../dekripsi/sesudah/' . $nameVideo ,
0777);

echo 'berhasil'; ?>

```



KARTU MONITORING BIMBINGAN
MAHASISWA PROGRAM STUDI TEKNIK INFORMATIKA
FAKULTAS TEKNIK
UNIVERSITAS MUHAMMADIYAH PAREPARE

PROPOSAL

Mahasiswa : DARMAWATI	Pembimbing I : Muh.Basri, ST., MT.
NIM : 218 280 174	Pembimbing II : Wahyuddin, S.Kom., M.Kom.
Judul Skripsi : PERANCANGAN DAN ANALISIS STEGANOGRAFI VIDEO DENGAN MENYISIPKAN TEKS MENGGUNAKAN METODE END OF FILE (EOF)	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 1		Konsultasi 1 - perbaiki format Penulisan	25/7/22
Konsultasi 2		Konsultasi 2 - Teori Tambahkan pada BAB II	22/4/22
Konsultasi 3		Konsultasi 3 - Daftar pustaka harus sinkron dan BAB II	7/5/22
Konsultasi 4		Konsultasi 4 - Desain sistem - Berikan contoh pada teori	10/5/22
Konsultasi 5 Acc 25/07/22		Konsultasi 5 Acc	7/6/22

Lanjut ke halaman sebelah...

Perhatian :

Mahasiswa wajib konsultasi minimal 5 kali
Kartu ini wajib dibawa oleh mahasiswa disetiap konsultasi dan diisi oleh Pembimbing
Kartu ini wajib dilampirkan pada laporan skripsi dan menjadi salah satu persyaratan untuk ikut seminar proposal/ujian skripsi
Kartu ini dicetak di atas kertas karton berwarna hijau muda dan dicetak simetris



KARTU MONITORING
MAHASISWA PROGRAM STUDI TI
FAKULTAS TEKNIKA
UNIVERSITAS MUHAMMADIYAH

SKRIPSI

NAMA MAHASISWA : DARMAWATI	Pembimbing I
NIM : 218280174	Pembimbing II
Judul Skripsi : PERANCANGAN DAN ANALISIS STEGANOGRAPHI MENGUNAKAN METODE END OF FILE (EOF) DAN	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	
Konsultasi 1		Konsultasi
Konsultasi 2		Konsultasi
Konsultasi 3		Konsultasi
Konsultasi 4		Konsultasi
Konsultasi 5		Konsultasi

Petunjuk :

Mahasiswa wajib konsultasi minimal 5 kali.
Kartu ini wajib dibawa oleh mahasiswa disetiap konsultasi dan diisi oleh Pembimbing I dan II.
Kartu ini wajib dilampirkan pada laporan skripsi dan menjadi salah satu bukti.
Kartu ini dicetak di atas kertas karton berwarna hijau muda dan dicetak tiruan.

Lanjutan...

ARAHAN PEMBIMBING I	HARI/ PAI PEMBI
Konsultasi 6	
Konsultasi 7	
Konsultasi 8	
Konsultasi 9 di Gura di Kedai Jelut	
Konsultasi 10	

Mengetahui
Ketua Program Studi


Marlina, S.Kom., M.Kom.
NBM. 1162 680

Perhatian :

1. Mahasiswa wajib konsultasi minimal 5 kali
2. Kartu ini wajib dibawa oleh mahasiswa disetiap konsultasi
3. Kartu ini wajib dilampirkan pada laporan skripsi dan men
4. Kartu ini dicetak di atas kertas karton berwarna hijau mu