

LAMPIRAN

//activity_chart.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/nila"
    tools:context=".MainActivity">

    <!-- Judul Aplikasi -->
    <TextView
        android:id="@+id/textViewTitle"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Kalkulator Pakan Ikan"
        android:textSize="24sp"
        android:textStyle="bold"

        android:textColor="@color/design_default_color_error"
        android:gravity="center"
        android:layout_marginTop="32dp"
        android:layout_marginBottom="16dp"

        android:shadowColor="@android:color/black"
        android:shadowDx="10"
        android:shadowDy="10"
        android:shadowRadius="2"/>

    <!-- Deskripsi Aplikasi -->
    <TextView
        android:id="@+id/textViewDescription"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Untuk Budidaya Ikan"
        android:textSize="18sp"
```

```
        android:textColor="@android:color/white"
        android:textAlignment="center"
        android:layout_below="@id/textViewTitle"
        android:layout_marginBottom="32dp"

        android:shadowColor="@android:color/black"
        android:shadowDx="15"
        android:shadowDy="15"
        android:shadowRadius="12"/>

    <!-- Tombol FR -->
    <Button
        android:id="@+id/btnFR"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="FR"
        android:layout_centerHorizontal="true"
        android:layout_below="@id/btnSR"
        android:layout_marginTop="16dp"
        android:layout_marginStart="32dp"
        android:layout_marginEnd="32dp"/>

    <!-- Tombol SR -->
    <Button
        android:id="@+id/btnSR"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="SR"
        android:layout_centerHorizontal="true"

        android:layout_below="@id/textViewDescription"
        android:layout_marginTop="16dp"
        android:layout_marginStart="32dp"
        android:layout_marginEnd="32dp"/>

    <!-- Tombol SGR -->
    <Button
        android:id="@+id/btnSGR"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="SGR"
        android:layout_below="@id/btnFR"
        android:layout_marginTop="16dp"
```

```

        android:layout_marginStart="32dp"
        android:layout_centerHorizontal="true"
        android:layout_marginEnd="32dp"/>

```

```

<!-- Tombol FCR -->

```

```

<Button
    android:id="@+id/btnFCR"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="FCR"
    android:layout_below="@id/btnSGR"
    android:layout_marginTop="24dp"
    android:layout_centerHorizontal="true"
    android:layout_marginStart="32dp"
    android:layout_marginEnd="32dp"/>

```

```

<!-- Tombol FCR -->

```

```

<Button
    android:id="@+id/btnChart"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Chart"
    android:layout_centerHorizontal="true"
    android:layout_below="@id/btnFCR"
    android:layout_marginTop="24dp"
    android:layout_marginStart="32dp"
    android:layout_marginEnd="32dp"/>

```

```

</RelativeLayout>

```

//activity_fcractivity.xml

```

<?xml version="1.0" encoding="utf-8"?>

```

```

<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

```

```

    xmlns:tools="http://schemas.android.com/tools"
    "

```

```

        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:background="@drawable/nila"
        tools:context=".FCRActivity">

```

```

<TextView

```

```

        android:id="@+id/textViewTitleFCR"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Feed Conversion Ratio (FCR)

```

```

Calculator"

```

```

        android:textSize="24sp"
        android:textStyle="bold"
        android:textColor="@android:color/white"
        android:gravity="center"
        android:layout_marginTop="32dp"
        android:layout_marginBottom="16dp"

```

```

        android:shadowColor="@android:color/black"
        android:shadowDx="15"
        android:shadowDy="15"
        android:shadowRadius="22"/>

```

```

<EditText

```

```

        android:id="@+id/editTextTotalFeed"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Total Feed (kg)"
        android:textColor="@android:color/white"
        android:inputType="numberDecimal"

```

```

        android:layout_below="@id/textViewTitleFCR"
        android:layout_margin="16dp"
    />

```

```

<EditText

```

```

        android:id="@+id/editTextTotalFish"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Total Fish Weight (kg)"
        android:inputType="numberDecimal"

```

```

        android:layout_below="@id/editTextTotalFeed"
        android:layout_margin="16dp"/>

```

```

<Button

```

```

        android:id="@+id/btnCalculateFCR"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Calculate FCR"

```

```

android:layout_below="@id/editTextTotalFish"
    android:layout_marginTop="24dp"
    android:layout_centerHorizontal="true"/>

```

```

<TextView
    android:id="@+id/textViewFCRResult"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="FCR Result: "
    android:textColor="@android:color/white"
    android:textSize="18sp"
    android:textStyle="bold"

```

```

android:layout_below="@id/btnCalculateFCR"
    android:layout_marginTop="24dp"
    android:layout_centerHorizontal="true"

```

```

android:shadowColor="@android:color/black"
    android:shadowDx="15"
    android:shadowDy="15"
    android:shadowRadius="22"/>

```

```

</RelativeLayout>

```

//activity_fractivity.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

```

```

    xmlns:tools="http://schemas.android.com/tools"

```

```

    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/nila"
    tools:context=".FRActivity">

```

```

<TextView
    android:id="@+id/textViewTitleFR"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Feed Rate (FR) Calculator"
    android:textSize="24sp"
    android:textStyle="bold"

```

```

    android:textColor="@android:color/white"
    android:gravity="center"
    android:layout_marginTop="32dp"
    android:layout_marginBottom="16dp"
    android:shadowDx="15"
    android:shadowDy="15"
    android:shadowRadius="22"
/>

```

```

<EditText
    android:id="@+id/editTextAverageWeight"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Rataan Bobot Ikan (kg)"
    android:inputType="numberDecimal"

```

```

    android:layout_below="@id/textViewTitleFR"
    android:layout_margin="16dp"/>

```

```

<EditText
    android:id="@+id/editTextTotalFishCount"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Jumlah Ikan"
    android:inputType="number"

```

```

    android:layout_below="@id/editTextAverageWeight"
    android:layout_margin="16dp"/>

```

```

<EditText
    android:id="@+id/editTextFeedRatePercent"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Feed Rate (%)"
    android:inputType="numberDecimal"

```

```

    android:layout_below="@id/editTextTotalFishCount"
    android:layout_margin="16dp"/>

```

```

<Button

```

```
android:id="@+id/btnCalculateFeedRequirement"
```

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Calculate FR"
```

```
android:layout_below="@id/editTextFeedRatePercent"
```

```
    android:layout_marginTop="24dp"
    android:layout_centerHorizontal="true"/>
```

```
<TextView
```

```
android:id="@+id/textViewFeedRequirementResult"
```

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="FR Result"
    android:textSize="18sp"
    android:textStyle="bold"
```

```
android:layout_below="@id/btnCalculateFeedRequirement"
```

```
    android:layout_marginTop="24dp"
    android:layout_centerHorizontal="true"
    android:shadowDx="15"
    android:shadowDy="15"
    android:shadowRadius="22"
```

```
android:textColor="@android:color/white"/>
```

```
</RelativeLayout>
```

//activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout
```

```
    xmlns:android="http://schemas.android.com/apk/res/android"
```

```
    xmlns:tools="http://schemas.android.com/tools"
    "
```

```
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/nila"
```

```
    tools:context=".MainActivity">
```

```
<!-- Judul Aplikasi -->
```

```
<TextView
```

```
    android:id="@+id/textViewTitle"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Kalkulator Pakan Ikan"
    android:textSize="24sp"
    android:textStyle="bold"
```

```
android:textColor="@color/design_default_color_error"
```

```
    android:gravity="center"
    android:layout_marginTop="32dp"
    android:layout_marginBottom="16dp"
```

```
android:shadowColor="@android:color/black"
```

```
    android:shadowDx="10"
    android:shadowDy="10"
    android:shadowRadius="2"/>
```

```
<!-- Deskripsi Aplikasi -->
```

```
<TextView
```

```
    android:id="@+id/textViewDescription"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Untuk Budidaya Ikan"
    android:textSize="18sp"
    android:textColor="@android:color/white"
    android:textAlignment="center"
    android:layout_below="@id/textViewTitle"
    android:layout_marginBottom="32dp"
```

```
android:shadowColor="@android:color/black"
```

```
    android:shadowDx="15"
    android:shadowDy="15"
    android:shadowRadius="12"/>
```

```
<!-- Tombol FR -->
```

```
<Button
```

```
    android:id="@+id/btnFR"
    android:layout_width="wrap_content"
```

```

        android:layout_height="wrap_content"
        android:text="FR"
        android:layout_centerHorizontal="true"
        android:layout_below="@id/btnSR"
        android:layout_marginTop="16dp"
        android:layout_marginStart="32dp"
        android:layout_marginEnd="32dp"/>

<!-- Tombol SR -->
<Button
    android:id="@+id/btnSR"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="SR"
    android:layout_centerHorizontal="true"

    android:layout_below="@id/textViewDescription"
    android:layout_marginTop="16dp"
    android:layout_marginStart="32dp"
    android:layout_marginEnd="32dp"/>

<!-- Tombol SGR -->
<Button
    android:id="@+id/btnSGR"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="SGR"
    android:layout_below="@id/btnFR"
    android:layout_marginTop="16dp"
    android:layout_marginStart="32dp"
    android:layout_centerHorizontal="true"
    android:layout_marginEnd="32dp"/>

<!-- Tombol FCR -->
<Button
    android:id="@+id/btnFCR"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="FCR"
    android:layout_below="@id/btnSGR"
    android:layout_marginTop="24dp"
    android:layout_centerHorizontal="true"
    android:layout_marginStart="32dp"

```

```

        android:layout_marginEnd="32dp"/>

<!-- Tombol FCR -->
<Button
    android:id="@+id/btnChart"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Chart"
    android:layout_centerHorizontal="true"
    android:layout_below="@id/btnFCR"
    android:layout_marginTop="24dp"
    android:layout_marginStart="32dp"
    android:layout_marginEnd="32dp"/>

</RelativeLayout>

//activity_sgractivity.xml

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/nila"
    tools:context=".SGRActivity">

    <TextView
        android:id="@+id/textViewTitleSGR"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Specific Growth Rate (SGR)
        Calculator"
        android:textSize="24sp"
        android:textStyle="bold"
        android:textColor="@android:color/white"
        android:gravity="center"
        android:layout_marginTop="32dp"
        android:layout_marginBottom="16dp"
        android:shadowDx="15"
        android:shadowDy="15"
        android:shadowRadius="22"/>

```

```

<EditText
    android:id="@+id/editTextInitialWeight"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Enter Initial Weight (g)"
    android:inputType="numberDecimal"

android:layout_below="@id/textViewTitleSGR"
    android:layout_margin="16dp"/>

<EditText
    android:id="@+id/editTextFinalWeight"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Enter Final Weight (g)"
    android:inputType="numberDecimal"

android:layout_below="@id/editTextInitialWeight"
    android:layout_margin="16dp"/>

<EditText
    android:id="@+id/editTextDaysSGR"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Enter Number of Days"
    android:inputType="number"

android:layout_below="@id/editTextFinalWeight"
    android:layout_margin="16dp"/>

<Button
    android:id="@+id/btnCalculateSGR"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Calculate SGR"

android:layout_below="@id/editTextDaysSGR"
    android:layout_marginTop="24dp"
    android:layout_centerHorizontal="true"/>

<TextView

```

```

    android:id="@+id/textViewSGRResult"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="SGR Result: "
    android:textSize="18sp"
    android:textStyle="bold"

android:layout_below="@id/btnCalculateSGR"
    android:layout_marginTop="24dp"
    android:layout_centerHorizontal="true"
    android:shadowDx="15"
    android:shadowDy="15"
    android:shadowRadius="22"

android:textColor="@android:color/white"/>

</RelativeLayout>

```

//activity_sractivity.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/nila"
    tools:context=".SRActivity">

    <TextView
        android:id="@+id/textViewTitleSR"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Survival Rate (SR) Calculator"
        android:textSize="24sp"
        android:textStyle="bold"
        android:textColor="@android:color/white"
        android:gravity="center"
        android:layout_marginTop="32dp"
        android:layout_marginBottom="16dp"
        android:shadowDx="15"
        android:shadowDy="15"

```

```

        android:shadowRadius="22"/>

<EditText
    android:id="@+id/editTextInitialFishCount"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Initial Fish Count"
    android:inputType="number"

    android:layout_below="@id/textViewTitleSR"
    android:layout_marginTop="16dp"
    android:padding="8dp" />

<EditText
    android:id="@+id/editTextFinalFishCount"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="Final Fish Count"
    android:inputType="number"

    android:layout_below="@id/editTextInitialFishCount"
    android:layout_marginTop="16dp"
    android:padding="8dp" />

<Button
    android:id="@+id/btnCalculateSR"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Calculate SR"

    android:layout_below="@id/editTextFinalFishCount"
    android:layout_marginTop="16dp"
    android:layout_centerHorizontal="true"
    android:padding="8dp" />

<TextView
    android:id="@+id/textViewSRResult"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="SR Result: "
    android:textSize="18sp"
    android:textStyle="bold"

```

```

        android:layout_below="@id/btnCalculateSR"
        android:layout_marginTop="24dp"
        android:layout_centerHorizontal="true"
        android:shadowDx="15"
        android:shadowDy="15"
        android:shadowRadius="22"

        android:textColor="@android:color/white"/>

</RelativeLayout>

//background

<?xml version="1.0" encoding="utf-8"?>
<vector
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:width="108dp"
    android:height="108dp"
    android:viewportWidth="108"
    android:viewportHeight="108">
    <path
        android:fillColor="#3DDC84"
        android:pathData="M0,0h108v108h-108z"
    />
    <path
        android:fillColor="#00000000"
        android:pathData="M9,0L9,108"
        android:strokeWidth="0.8"
        android:strokeColor="#33FFFFFF" />
    <path
        android:fillColor="#00000000"
        android:pathData="M19,0L19,108"
        android:strokeWidth="0.8"
        android:strokeColor="#33FFFFFF" />
    <path
        android:fillColor="#00000000"
        android:pathData="M29,0L29,108"
        android:strokeWidth="0.8"
        android:strokeColor="#33FFFFFF" />
    <path
        android:fillColor="#00000000"
        android:pathData="M39,0L39,108"
        android:strokeWidth="0.8"

```

```

        android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M49,0L49,108"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M59,0L59,108"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M69,0L69,108"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M79,0L79,108"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M89,0L89,108"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M99,0L99,108"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,9L108,9"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,19L108,19"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,29L108,29"

```

```

        android:strokeWidth="0.8"
        android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,39L108,39"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,49L108,49"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,59L108,59"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,69L108,69"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,79L108,79"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,89L108,89"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M0,99L108,99"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M19,29L89,29"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"

```



```

        android:pathData="M19,39L89,39"
        android:strokeWidth="0.8"
        android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M19,49L89,49"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M19,59L89,59"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M19,69L89,69"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M19,79L89,79"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M29,19L29,89"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M39,19L39,89"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M49,19L49,89"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M59,19L59,89"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
<path

```

```

        android:fillColor="#00000000"
        android:pathData="M69,19L69,89"
        android:strokeWidth="0.8"
        android:strokeColor="#33FFFFFF" />
<path
    android:fillColor="#00000000"
    android:pathData="M79,19L79,89"
    android:strokeWidth="0.8"
    android:strokeColor="#33FFFFFF" />
</vector>

//foreground

<vector
xmlns:android="http://schemas.android.com/ap
k/res/android"

xmlns:aapt="http://schemas.android.com/aapt"
    android:width="108dp"
    android:height="108dp"
    android:viewportWidth="108"
    android:viewportHeight="108">
    <path android:pathData="M31,63.928c0,0
6.4,-11 12.1,-13.1c7.2,-2.6 26,-1.4 26,-
1.4l38.1,38.1l107,108.928l-32,-1L31,63.928z">
        <aapt:attr name="android:fillColor">
            <gradient
                android:endX="85.84757"
                android:endY="92.4963"
                android:startX="42.9492"
                android:startY="49.59793"
                android:type="linear">
                <item
                    android:color="#44000000"
                    android:offset="0.0" />
                <item
                    android:color="#00000000"
                    android:offset="1.0" />
            </gradient>
        </aapt:attr>
    </path>
    <path
        android:fillColor="#FFFFFF"
        android:fillType="nonZero"
        android:pathData="M65.3,45.828l3.8,-

```

```

6.6c0.2,-0.4 0.1,-0.9 -0.3,-1.1c-0.4,-0.2 -0.9,-0.1
-1.1,0.3l-3.9,6.7c-6.3,-2.8 -13.4,-2.8 -19.7,0l-
3.9,-6.7c-0.2,-0.4 -0.7,-0.5 -1.1,-0.3C38.8,38.328
38.7,38.828 38.9,39.228l3.8,6.6C36.2,49.428
31.7,56.028 31,63.928h46C76.3,56.028
71.8,49.428 65.3,45.828zM43.4,57.328c-0.8,0 -
1.5,-0.5 -1.8,-1.2c-0.3,-0.7 -0.1,-1.5 0.4,-
2.1c0.5,-0.5 1.4,-0.7 2.1,-0.4c0.7,0.3 1.2,1
1.2,1.8C45.3,56.528 44.5,57.328
43.4,57.328L43.4,57.328zM64.6,57.328c-0.8,0 -
1.5,-0.5 -1.8,-1.2s-0.1,-1.5 0.4,-2.1c0.5,-0.5 1.4,-
0.7 2.1,-0.4c0.7,0.3 1.2,1 1.2,1.8C66.5,56.528
65.6,57.328 64.6,57.328L64.6,57.328z"
    android:strokeWidth="1"
    android:strokeColor="#00000000" />
</vector>

```

```
//ChartActivity
```

```
package com.example.kalkulator;
```

```
import android.os.Bundle;
import android.view.View;
import android.webkit.WebSettings;
import android.webkit.WebView;
import android.widget.Button;
```

```
import androidx.activity.EdgeToEdge;
import
androidx.appcompat.app.AppCompatActivity;
```

```
public class ChartActivity extends
AppCompatActivity {
    private WebView webViewChart,
webViewTambah, webViewData;
    private Button btnShowWebViewTambah,
btnShowWebViewData;
    private boolean webViewTambahVisible =
false; // Status WebView tambahan
    private boolean webViewDataVisible = false;
// Status WebView data

```

```

@Override
protected void onCreate(Bundle
savedInstanceState) {

```

```

super.onCreate(savedInstanceState);
EdgeToEdge.enable(this);
setContentView(R.layout.activity_chart);

```

```

webViewChart =
findViewById(R.id.webViewChart);
webViewTambah =
findViewById(R.id.webViewTambah);
webViewData =
findViewById(R.id.webViewData);
btnShowWebViewTambah =
findViewById(R.id.btnShowWebViewTambah);
btnShowWebViewData =
findViewById(R.id.btnShowWebViewData); //
Menambahkan inisialisasi
btnShowWebViewData

```

```
// Mengaktifkan JavaScript di WebView
```

```

WebSettings webSettingsChart =
webViewChart.getSettings();
WebSettings webSettingsTambah =
webViewTambah.getSettings();
WebSettings webSettingsData =
webViewData.getSettings();

webSettingsChart.setJavaScriptEnabled(true);

webSettingsTambah.setJavaScriptEnabled(true);

webSettingsData.setJavaScriptEnabled(true);

```

```

// Memuat file HTML lokal atau URL
eksternal untuk WebView utama

```

```

webViewChart.loadUrl("https://kalkulator.fadlull
ahnft.com/index.php"); // Ubah sesuai dengan
lokasi file HTML Anda

```

```

// Atur onClickListener untuk tombol yang
akan menampilkan WebView Tambahan

```

```

btnShowWebViewTambah.setOnClickListener(v
-> {
    if (!webViewTambahVisible) {

```

```

webViewTambah.setVisibility(View.VISIBLE); //
Tampilkan WebView Tambahan

webViewTambah.loadUrl("https://kalkulator.fadlullahnft.com/index2.php"); // Load URL untuk
WebView Tambahan
        webViewTambahVisible = true; // Set
status WebView Tambahan menjadi terlihat
    } else {

webViewTambah.setVisibility(View.GONE); //
Sembunyikan WebView Tambahan
        webViewTambahVisible = false; // Set
status WebView Tambahan menjadi tidak
terlihat
    }
    });

// Atur onClickListener untuk tombol yang
akan menampilkan WebView Data

btnShowWebViewData.setOnClickListener(v -> {
    if (!webViewDataVisible) {

webViewData.setVisibility(View.VISIBLE); //
Tampilkan WebView Data

webViewData.loadUrl("https://kalkulator.fadlullahnft.com/tampildata.php"); // Load URL untuk
WebView Data
        webViewDataVisible = true; // Set
status WebView Data menjadi terlihat
    } else {
        webViewData.setVisibility(View.GONE);
// Sembunyikan WebView Data
        webViewDataVisible = false; // Set
status WebView Data menjadi tidak terlihat
    }
    });
}

//FCRActivity

```

```

package com.example.kalkulator;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

import
androidx.appcompat.app.AppCompatActivity;

public class FCRActivity extends
AppCompatActivity {

    private EditText editTextTotalFeed,
editTextTotalFish;
    private Button btnCalculateFCR;
    private TextView textViewFCRResult;

    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);

setContentView(R.layout.activity_fcractivity);

        editTextTotalFeed =
findViewById(R.id.editTextTotalFeed);
        editTextTotalFish =
findViewById(R.id.editTextTotalFish);
        btnCalculateFCR =
findViewById(R.id.btnCalculateFCR);
        textViewFCRResult =
findViewById(R.id.textViewFCRResult);

        btnCalculateFCR.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View v) {
                calculateFCR();
            }
        });
    }
}

```

```

private void calculateFCR() {
    try {
        // Ambil nilai dari EditText dan konversi
        ke double
        double totalFeedKg =
        Double.parseDouble(editTextTotalFeed.getText().
        toString());
        double totalFishWeightKg =
        Double.parseDouble(editTextTotalFish.getText().
        toString());

        // Hitung FCR
        double fcr = totalFeedKg /
        totalFishWeightKg;

        // Tampilkan hasil FCR
        textViewFCRResult.setText("FCR Result: "
        + String.format("%.2f", fcr));
    } catch (NumberFormatException e) {
        textViewFCRResult.setText("Error: Please
        enter valid numbers.");
    }
}

//FRActivity
package com.example.kalkulator;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

import
androidx.appcompat.app.AppCompatActivity;

public class FRActivity extends
AppCompatActivity {

    private EditText editTextAverageWeight;
    private EditText editTextTotalFishCount;
    private EditText editTextFeedRatePercent;

```

```

private Button btnCalculateFeedRequirement;
private TextView
textViewFeedRequirementResult;

@Override
protected void onCreate(Bundle
savedInstanceState) {
    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_fractivity);

    editTextAverageWeight =
    findViewById(R.id.editTextAverageWeight);
    editTextTotalFishCount =
    findViewById(R.id.editTextTotalFishCount);
    editTextFeedRatePercent =
    findViewById(R.id.editTextFeedRatePercent);
    btnCalculateFeedRequirement =
    findViewById(R.id.btnCalculateFeedRequirement
    );
    textViewFeedRequirementResult =
    findViewById(R.id.textViewFeedRequirementRes
    ult);

    btnCalculateFeedRequirement.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            calculateDailyFeedRequirement();
        }
    });
}

private void calculateDailyFeedRequirement()
{
    try {
        // Ambil nilai dari EditText dan konversi
        ke double
        double averageWeightPerFishKg =
        Double.parseDouble(editTextAverageWeight.get
        Text().toString());
        int totalFishCount =
        Integer.parseInt(editTextTotalFishCount.getText(

```

```

).toString());
    double feedRatePercent =
Double.parseDouble(editTextFeedRatePercent.g
etText().toString());

    // Konversi feed rate dari persen ke
desimal
    double feedRateDecimal =
feedRatePercent / 100.0;

    // Hitung jumlah pakan harian
    double dailyFeedRequirementKg =
averageWeightPerFishKg * totalFishCount *
feedRateDecimal;

    // Tampilkan hasil kebutuhan pakan
harian

textViewFeedRequirementResult.setText("Kebut
uhan Pakan Harian: " + String.format("%.2f",
dailyFeedRequirementKg) + " kg/hari");
    } catch (NumberFormatException e) {

textViewFeedRequirementResult.setText("Error:
Mohon masukkan angka yang valid.");
    }
}
}

//MainActivity

package com.example.kalkulator;

import android.content.Intent;
import android.os.Bundle;
import android.widget.Button;

import
androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends
AppCompatActivity {
    Button btnSR, btnFR, btnSGR, btnFCR,
btnChart;

```

```

@Override
protected void onCreate(Bundle
savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);

    btnSR = findViewById(R.id.btnSR);
    btnFR = findViewById(R.id.btnFR);
    btnSGR = findViewById(R.id.btnSGR);
    btnFCR = findViewById(R.id.btnFCR);
    btnChart = findViewById(R.id.btnChart);

    btnSR.setOnClickListener(v -> {
        Intent intent = new Intent(this,
SRActivity.class);
        startActivity(intent);
    });

    btnFR.setOnClickListener(v -> {
        Intent intent = new Intent(this,
FRActivity.class);
        startActivity(intent);
    });

    btnSGR.setOnClickListener(v -> {
        Intent intent = new Intent(this,
SGRActivity.class);
        startActivity(intent);
    });

    btnFCR.setOnClickListener(v -> {
        Intent intent = new Intent(this,
FCRActivity.class);
        startActivity(intent);
    });

    btnChart.setOnClickListener(v -> {
        Intent intent = new Intent(this,
ChartActivity.class);
        startActivity(intent);
    });
}
}

```

```
//SGRActivity

package com.example.kalkulator;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

public class SGRActivity extends
AppCompatActivity {

    private EditText editTextInitialWeight;
    private EditText editTextFinalWeight;
    private EditText editTextDaysSGR;
    private Button btnCalculateSGR;
    private TextView textViewSGRResult;

    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_sgractivity);

        editTextInitialWeight =
findViewById(R.id.editTextInitialWeight);
        editTextFinalWeight =
findViewById(R.id.editTextFinalWeight);
        editTextDaysSGR =
findViewById(R.id.editTextDaysSGR);
        btnCalculateSGR =
findViewById(R.id.btnCalculateSGR);
        textViewSGRResult =
findViewById(R.id.textViewSGRResult);

        btnCalculateSGR.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View v) {
                calculateSGR();
            }
        });
    }
}
```

```
    }
    });
}

private void calculateSGR() {
    try {
        // Ambil nilai dari EditText dan konversi
        ke double atau int
        double initialWeightKg =
Double.parseDouble(editTextInitialWeight.getTex
t().toString());
        double finalWeightKg =
Double.parseDouble(editTextFinalWeight.getTex
t().toString());
        int days =
Integer.parseInt(editTextDaysSGR.getText().toStr
ing());

        // Konversi dari KG ke Gram
        double initialWeightGram =
initialWeightKg * 1000; // Konversi berat awal
        dari KG ke Gram
        double finalWeightGram = finalWeightKg
* 1000; // Konversi berat akhir dari KG ke Gram

        // Hitung SGR
        double sgr =
((Math.log(finalWeightGram) -
Math.log(initialWeightGram)) / days) * 100;

        // Tampilkan hasil SGR
        textViewSGRResult.setText("SGR Result: "
+ String.format("%.2f", sgr) + "% per day");
    } catch (NumberFormatException e) {
        textViewSGRResult.setText("Error: Please
enter valid numbers.");
    }
}

//SRActivity

package com.example.kalkulator;
```

```

import android.os.Bundle;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.view.View;
import
androidx.appcompat.app.AppCompatActivity;

public class SRActivity extends
AppCompatActivity {

    private EditText editTextInitialFishCount,
editTextFinalFishCount;
    private TextView textViewSRResult;
    private Button btnCalculateSR;

    @Override
    protected void onCreate(Bundle
savedInstanceState) {
        super.onCreate(savedInstanceState);

setContentView(R.layout.activity_sractivity);

        // Inisialisasi EditText dan TextView
        editTextInitialFishCount =
findViewById(R.id.editTextInitialFishCount);
        editTextFinalFishCount =
findViewById(R.id.editTextFinalFishCount);
        textViewSRResult =
findViewById(R.id.textViewSRResult);
        btnCalculateSR =
findViewById(R.id.btnCalculateSR);

        // Set listener untuk tombol
        btnCalculateSR.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View v) {
                calculateSR();
            }
        });
    }

    private void calculateSR() {

```

```

        try {
            // Ambil nilai dari EditText dan konversi
            ke int
            int initialFishCount =
Integer.parseInt(editTextInitialFishCount.getText(
).toString());
            int finalFishCount =
Integer.parseInt(editTextFinalFishCount.getText(
).toString());

            // Hitung SR
            double sr = ((double) finalFishCount /
initialFishCount) * 100;

            // Tampilkan hasil SR
            textViewSRResult.setText("SR Result: " +
String.format("%.2f", sr) + "%");
        } catch (NumberFormatException e) {
            textViewSRResult.setText("Error: Please
enter valid numbers.");
        }
    }
}

```