

LAMPIRAN

Listing Program

- Main Activity

```
package com.example.apps;

import
    Android.annotation.SuppressLint;
import Android.content.Intent;
import Android.media.MediaPlayer;
import Android.net.Uri;
import Android.os.Bundle;
import Android.view.LayoutInflater;
import Android.view.View;
import Android.view.WindowManager;
import Android.widget.Button;
import Android.widget.ImageButton;
import Android.widget.VideoView;

import
    Androidx.appcompat.app.AlertDialog;
import
    Androidx.appcompat.app.AppCompatActivity;

public Class MainActivity extends
    MusicBackground {

    ImageButton btn;
    VideoView video;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        getWindow().getDecorView().setS·
            mUiVisibility(View.SYSTEM_U
            AG_FULLSCREEN |
            View.SYSTEM_UI_FLAG_HIDE_NA
            VIGATION |
            View.SYSTEM_UI_FLAG_IMMERSI
            VE_STICKY |
```

```
View.SYSTEM_UI_FLAG_LAYOUT
    _STABLE |
    View.SYSTEM_UI_FLAG_LAYOUT
    _HIDE_NAVIGATION |
    View.SYSTEM_UI_FLAG_LAYOUT
    _FULLSCREEN);

    setContentView(R.layout.activity_main
    );

        //background video
        video = (VideoView)
        findViewById(R.id.video);
        Uri uri =
        Uri.parse("Android.resource://" + getPac
        kageName() + "/" + R.raw.bgvideo);
        video.setVideoURI(uri);
        video.start();

        video.setOnPreparedListener(new
        MediaPlayer.OnPreparedListener() {
            @Override
            public void
            onPrepared(MediaPlayer mediaPlayer)
            {

                mediaPlayer.setLooping(true);
            }
        });

        btn =
        findViewById(R.id.playGame);
        btn.setOnClickListener(v -> {
            Intent i = new Intent(this,
            MenuActivity.class);
            startActivity(i);
        });

        findViewById(R.id.exit).setOnClickLis
        tener(v -> showExitDialog());
    }

    @Override
    protected void onResume() {
        video.resume();
        super.onResume();
    }
}
```

```

    }

    @Override
    protected void onRestart() {
        video.start();
        super.onRestart();
    }

    @Override
    protected void onPause() {
        video.suspend();
        super.onPause();
    }

    @Override
    protected void onDestroy() {
        video.stopPlayback();
        super.onDestroy();
    }

    // Tombol Close
    private void showExitDialog() {
        AlertDialog.Builder builder = new
        AlertDialog.Builder(this);
        LayoutInflater inflater =
        this.getLayoutInflater();
        View dialogView =
        inflater.inflate(R.layout.dialog_layout,
        null);
        builder.setView(dialogView);
        Button buttonYes =
        dialogView.findViewById(R.id.dialog_
        button_yes);
        Button buttonNo =
        dialogView.findViewById(R.id.dialog_
        button_no);
        AlertDialog alertDialog =
        builder.create();

        Window window =
        alertDialog.getWindow();
        if (window != null) {

            window.setBackgroundDrawableResou
            rce(Android.R.color.transparent);
            WindowManager.LayoutParams
            wlp = window.getAttributes();
            wlp.dimAmount = 0.5f;

```

```

            window.addFlags(WindowManager.La
            youtParams.FLAG_DIM_BEHIND);
            window.setAttributes(wlp);
        }
        buttonYes.setOnClickListener(v -
        > {
            finishAffinity();

        });
        buttonNo.setOnClickListener(v ->
        alertDialog.dismiss());
        alertDialog.show();
    }
}

```

- Menu Activity

```

package com.example.apps;

import static
com.example.apps.R.id.video;

import
    Android.annotation.SuppressLint;
import Android.content.Intent;
import Android.media.MediaPlayer;
import Android.net.Uri;
import Android.os.Bundle;
import Android.view.LayoutInflater;
import Android.view.View;
import Android.view.Window;
import
    Android.view.WindowManager;
import
    Android.view.animation.Animation;
import
    Android.view.animation.Animation
    Utils;
import Android.widget.Button;
import
    Android.widget.ImageButton;
import Android.widget.VideoView;

import
    Androidx.appcompat.app.AlertDialo
    g;

```

```

import
Androidx.appcompat.app.AppCompatActivity;

public Class MenuActivity extends
MusicBackground {
    ImageButton btn, setting;
    Button btn1, btn2;
    VideoView video;

    @Override
    protected void onCreate(Bundle
savedInstanceState) {

super.onCreate(savedInstanceState);

getWindow().getDecorView().setSystemUiVisibility(

View.SYSTEM_UI_FLAG_FULLSCREEN |

View.SYSTEM_UI_FLAG_HIDE_NAVIGATION |

View.SYSTEM_UI_FLAG_IMMERSIVE_STICKY |

View.SYSTEM_UI_FLAG_LAYOUT_STABLE |

View.SYSTEM_UI_FLAG_LAYOUT_HIDE_NAVIGATION |

View.SYSTEM_UI_FLAG_LAYOUT_FULLSCREEN
    );

setContentView(R.layout.activity_menu);

    Animation scaleAnimation =
AnimationUtils.loadAnimation(MenuActivity.this, R.anim.scale);
    btn =
findViewById(R.id.backHome);
//tombol kembali ke halaman utama
    btn1 =
findViewById(R.id.startQuiz);
//tombol ke halaman Kuiz

```

```

        btn2 =
findViewById(R.id.startPembelajaran); //tombol ke halaman
pembelajaran

        btn.setOnClickListener(v -> {

v.startAnimation(scaleAnimation);
            Intent i = new
Intent(MenuActivity.this,
MainActivity.Class);
            startActivity(i);
        });
        btn1.setOnClickListener(v -> {

v.startAnimation(scaleAnimation);
            Intent i = new
Intent(MenuActivity.this,
QuizActivity.Class);
            startActivity(i);
        });
        btn2.setOnClickListener(v -> {

v.startAnimation(scaleAnimation);
            Intent i = new
Intent(MenuActivity.this,
LearnActivity.Class);
            startActivity(i);
        });

        //background video
        video = (VideoView)
findViewById(R.id.video);
        Uri uri =
Uri.parse("Android.resource://" + get
PackageName() + "/" + R.raw.bgvideo
2);
        video.setVideoURI(uri);
        video.start();

video.setOnPreparedListener(new
MediaPlayer.OnPreparedListener()
{
    @Override
    public void
onPrepared(MediaPlayer
mediaPlayer) {

mediaPlayer.setLooping(true);

```

```

    }
    });
}

//background video
@Override
protected void onResume() {
    video.resume();
    super.onResume();
}

@Override
protected void onRestart() {
    video.start();
    super.onRestart();
}

@Override
protected void onPause() {
    video.suspend();
    super.onPause();
}

@Override
protected void onDestroy() {
    video.stopPlayback();
    super.onDestroy();
}
}

```

- Learn Activity

```

package com.example.apps;

import
    Android.annotation.SuppressLint;
import Android.content.Intent;
import Android.media.MediaPlayer;
import Android.net.Uri;
import Android.os.Bundle;
import Android.view.View;
import
    Android.view.animation.Animation;
import
    Android.view.animation.AnimationUtils
;
import Android.widget.Button;
import Android.widget.VideoView;

```

```

import
    Androidx.appcompat.app.AppCompatActivity;

public Class LearnActivity extends
    MusicBackground {
    Button btnBenda, btnManusia,
    btnHewan, btnAngka, btnBuah;
    VideoView video;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {

        super.onCreate(savedInstanceState);

        getWindow().getDecorView().setSystem
            UiVisibility(

            View.SYSTEM_UI_FLAG_FULLSCREEN |

            View.SYSTEM_UI_FLAG_HIDE_NAVIGATION |

            View.SYSTEM_UI_FLAG_IMMERSIVE_STICKY |

            View.SYSTEM_UI_FLAG_LAYOUT_STABLE |

            View.SYSTEM_UI_FLAG_LAYOUT_HIDE_NAVIGATION |

            View.SYSTEM_UI_FLAG_LAYOUT_FULLSCREEN
        );

        setContentView(R.layout.activity_learn)
        ;

        Animation scaleAnimation =
            AnimationUtils.loadAnimation(LearnActivity.this, R.anim.scale);

        findViewById(R.id.backHome).setOnClickListener(v -> {

            v.startAnimation(scaleAnimation);

```

```

        Intent i = new
Intent(LearnActivity.this,
MenuActivity.Class);
        startActivity(i);
    });
    //Tombol
    btnBenda =
findViewById(R.id.Benda);
    btnBuah =
findViewById(R.id.Buah);
    btnManusia =
findViewById(R.id.Tubuh);
    btnAngka =
findViewById(R.id.Angka);
    btnHewan =
findViewById(R.id.Hewan);

    btnBuah.setOnClickListener(v -> {

v.startAnimation(scaleAnimation);
        Intent i = new
Intent(LearnActivity.this,
OptionActivity.Class);
        i.putExtra("category", "Buah");
        startActivity(i);
    });
    btnBenda.setOnClickListener(v ->
{

v.startAnimation(scaleAnimation);
        Intent i = new
Intent(LearnActivity.this,
OptionActivity.Class);
        i.putExtra("category", "Benda");
        startActivity(i);
    });
    btnManusia.setOnClickListener(v -
> {

v.startAnimation(scaleAnimation);
        Intent i = new
Intent(LearnActivity.this,
OptionActivity.Class);
        i.putExtra("category", "Tubuh");
        startActivity(i);
    });
    btnAngka.setOnClickListener(v ->
{

```

```

v.startAnimation(scaleAnimation);

        Intent i = new
Intent(LearnActivity.this,
OptionActivity.Class);
        i.putExtra("category", "Angka");
        startActivity(i);
    });
    btnHewan.setOnClickListener(v ->
{

v.startAnimation(scaleAnimation);
        Intent i = new
Intent(LearnActivity.this,
OptionActivity.Class);
        i.putExtra("category", "Hewan");
        startActivity(i);
    });

    //background video
    video = (VideoView)
findViewById(R.id.video);
    Uri uri =
Uri.parse("Android.resource://" + getPack
ageName() + "/" + R.raw.bgvideo3);
    video.setVideoURI(uri);
    video.start();

    video.setOnPreparedListener(new
MediaPlayer.OnPreparedListener() {
        @Override
        public void
onPrepared(MediaPlayer mediaPlayer) {
            mediaPlayer.setLooping(true);
        }
    });

}

//background video
@Override
protected void onResume() {
    video.resume();
    super.onResume();
}

@Override
protected void onRestart() {
    video.start();
    super.onRestart();
}

```

```

    }

    @Override
    protected void onPause() {
        video.suspend();
        super.onPause();
    }

    @Override
    protected void onDestroy() {
        video.stopPlayback();
        super.onDestroy();
    }
}

```

- Option Activity

```

package com.example.apps;

import Android.animation.AnimatorSet;
import
Android.animation.ObjectAnimator;
import Android.content.Intent;
import Android.media.MediaPlayer;
import Android.net.Uri;
import Android.os.Bundle;
import Android.os.PatternMatcher;
import Android.text.Editable;
import Android.text.TextWatcher;
import Android.view.LayoutInflater;
import Android.view.View;
import Android.view.Window;
import Android.view.WindowManager;
import
Android.view.animation.Animation;
import
Android.view.animation.AnimationUtils
;
import Android.widget.AdapterView;
import Android.widget.Button;
import Android.widget.EditText;
import Android.widget.ImageButton;
import Android.widget.ImageView;
import Android.widget.ListView;
import Android.widget.TextView;
import Android.widget.Toast;
import Android.widget.VideoView;

```

```

import
Androidx.appcompat.app.AlertDialog;
import
Androidx.appcompat.app.AppCompatActivity;

```

```

import Java.util.ArrayList;
import Java.util.List;
import Java.util.Objects;

```

```

public Class OptionActivity extends
MusicBackground {

```

```

    private MediaPlayer mediaPlayer;
    private TextView bIndo, bArab,
lArab;
    private ImageView gambar, audio;
    public List<Pembelajaran> data =
new ArrayList<>();
    private Button nextButton;
    private int currentQuestionIndex = 0;
    private ListView lv;
    private ImageButton searchItem;
    VideoView video;

```

```

    private Animation scaleAnimation;

```

```

    @Override
    protected void onCreate(Bundle
savedInstanceState) {

```

```

        super.onCreate(savedInstanceState);

```

```

        getWindow().getDecorView().setSystem
UiVisibility(

```

```

View.SYSTEM_UI_FLAG_FULLSCREEN |

```

```

View.SYSTEM_UI_FLAG_HIDE_NAVIGATION |

```

```

View.SYSTEM_UI_FLAG_IMMERSIVE_STICKY |

```

```

View.SYSTEM_UI_FLAG_LAYOUT_STABLE |

```

```

View.SYSTEM_UI_FLAG_LAYOUT_
HIDE_NAVIGATION |

View.SYSTEM_UI_FLAG_LAYOUT_
FULLSCREEN
    );

setContentView(R.layout.activity_option);
    scaleAnimation =
    AnimationUtils.loadAnimation(OptionActivity.this, R.anim.scale);
    gambar =
    findViewById(R.id.optionImage);
    bIndo =
    findViewById(R.id.PenulisanIndonesia);
    ;
    bArab =
    findViewById(R.id.PenulisanArab);
    lArab =
    findViewById(R.id.Penulisan);
    audio =
    findViewById(R.id.playAudio);
    nextButton =
    findViewById(R.id.nextButton);
    searchItem =
    findViewById(R.id.search_Items);

    findViewById(R.id.backHome).setOnClickListener(v -> {

v.startAnimation(scaleAnimation);
    Intent i = new
    Intent(OptionActivity.this,
    LearnActivity.class);
    startActivity(i);
    });

    video = (VideoView)
    findViewById(R.id.video);
    Uri uri =
    Uri.parse("Android.resource://" + getPackageName() + "/" + R.raw.bgvideo4);
    video.setVideoURI(uri);
    video.start();

    video.setOnPreparedListener(new
    MediaPlayer.OnPreparedListener() {
        @Override

```

```

        public void
        onPrepared(MediaPlayer mediaPlayer) {
            mediaPlayer.setLooping(true);
        }
    });

    String category =
    getIntent().getStringExtra("category");
    if (category.equals("Angka")) {
        pembelajaranAngka();
    } else if
    (category.equals("Hewan")) {
        pembelajaranHewan();
    } else if
    (category.equals("Tubuh")) {
        pembelajaranTubuh();
    } else if (category.equals("Benda"))
    {
        pembelajaranBenda();
    } else if (category.equals("Buah"))
    {
        pembelajaranBuah();
    }

    nextItem();
    nextButton.setOnClickListener(v -
    > {

v.startAnimation(scaleAnimation);
    if (currentQuestionIndex <
    data.size() - 1) {
        currentQuestionIndex++;
        if (category.equals("Hewan"))
        {

            AnimatorSet animatorSet =
            new AnimatorSet();

            animatorSet.setDuration(2000);
            animatorSet.start();
            nextItem();
        } else {
            nextItem();
        }
    } else {

        nextButton.setText("Kembali");
    }
}

```

```

nextButton.setOnClickListener(view ->
{
    Intent i = new
Intent(OptionActivity.this,
MenuActivity.Class);
    startActivity(i);
});
});

searchItem.setOnClickListener(v ->
{
    showSearchItem();
});
}

@Override
protected void onResume() {
    video.resume();
    super.onResume();
}

@Override
protected void onRestart() {
    video.start();
    super.onRestart();
}

@Override
protected void onPause() {
    video.suspend();
    super.onPause();
}

@Override
protected void onDestroy() {
    video.stopPlayback();
    super.onDestroy();
}

private void showSearchItem() {
    AlertDialog.Builder builder = new
AlertDialog.Builder(this);
    LayoutInflater inflater =
this.getLayoutInflater();
    View dialogView =
inflater.inflate(R.layout.dialog_search,
null);

    EditText searchEditText =
dialogView.findViewById(R.id.searchT
ext);
    ListView lv =
dialogView.findViewById(R.id.listView
);

    List<Pembelajaran> resultList =
new ArrayList<>();
    ArrayAdapter<String> adapter =
new ArrayAdapter<>(this, R.layout.row,
new ArrayList<>());
    lv.setAdapter(adapter);

    builder.setView(dialogView);

    AlertDialog alertDialog =
builder.create();

    Window window =
alertDialog.getWindow();
    if (window != null) {

        window.setBackgroundDrawableResour
ce(Android.R.color.transparent);
        WindowManager.LayoutParams
wlp = window.getAttributes();
        wlp.dimAmount = 0.5f;

        window.addFlags(WindowManager.Lay
outParams.FLAG_DIM_BEHIND);
        window.setAttributes(wlp);
    }

    searchEditText.addTextChangedListene
r(new TextWatcher() {
        @Override
        public void
beforeTextChanged(CharSequence s, int
start, int count, int after) {

        }

        @Override
        public void
onTextChanged(CharSequence s, int
start, int before, int count) {
            String query = s.toString();
            if (!query.isEmpty()) {

```



```

        searchData(query,
resultList, adapter);
    } else {
        resultList.clear();
        adapter.clear();

adapter.notifyDataSetChanged();
    }
}

@Override
public void
afterTextChanged(Editable s) {

    }
});

    lv.setOnItemClickListener((parent,
view, position, id) -> {
        Pembelajaran pembelajaran =
resultList.get(position);

gantiPembelajaran(pembelajaran);
        alertDialog.dismiss();
    });

    alertDialog.show();
}

    private void searchData(String query,
List<Pembelajaran> resultList,
ArrayAdapter<String> adapter) {
        List<String> result = new
ArrayList<>();
        resultList.clear();
        for (Pembelajaran pembelajaran :
data) {
            if
(pembelajaran.getBahasaIndonesia().toL
owerCase().contains(query.toLowerCase
())) {

result.add(pembelajaran.getBahasaIndon
esia().toUpperCase());
                resultList.add(pembelajaran);
            }
        }
        adapter.clear();
        adapter.addAll(result);
        adapter.notifyDataSetChanged();
    }
}

private void
gantiPembelajaran(Pembelajaran
pembelajaran) {
    if (mediaPlayer != null) {
        mediaPlayer.release();
    }
    int imageResource =
getResources().getIdentifier(pembelajar
an.getGambar(), "drawable",
getPackageName());

gambar.setImageResource(imageResour
ce);

lArab.setText(pembelajaran.getLatinAra
b());

bArab.setText(pembelajaran.getBahasa
Arab());

bIndo.setText(pembelajaran.getBahasaI
ndonesia());
    int resId =
getResources().getIdentifier(pembelajar
an.getGambar(), "raw",
getPackageName());
    mediaPlayer =
MediaPlayer.create(this, resId);
    audio.setOnClickListener(v -> {

v.startAnimation(scaleAnimation);
        mediaPlayer.start();
    });
}

//pembelajaran angka
private void pembelajaranAngka() {
    data.add(new Pembelajaran("Satu",
"Waahidun", "وَاحِدٌ", "satu"));
    data.add(new Pembelajaran("Dua",
"Itsnaani", "ثَنَانٌ", "dua"));
    data.add(new Pembelajaran("Tiga",
"Tsalaatsatun", "ثَلَاثَةٌ", "tiga"));
    data.add(new
Pembelajaran("Empat", "Arba'atun",
"أَرْبَعَةٌ", "empat"));
}

```

```

data.add(new
Pembelajaran("Lima", "Khamsatun",
"خَمْسَةٌ", "lima"));
data.add(new
Pembelajaran("Enam", "Sittatun", "سِتَّة",
"enam"));
data.add(new
Pembelajaran("Tujuh", "Sab'atun",
"سَبْعَةٌ", "tujuh"));
data.add(new
Pembelajaran("Delapan",
"tsamaaniyatun", "ثَمَانِيَّة", "delapan"));
data.add(new
Pembelajaran("Sembilan", "Tis'atun",
"تِسْعَةٌ", "sembilan"));
data.add(new
Pembelajaran("Sepuluh", "asyratun",
"عَشْرَةٌ", "sepuluh"));
data.add(new
Pembelajaran("Sebelas", "Ahad ashar",
"أَحَدَ عَشَرَ", "sebelas"));
data.add(new Pembelajaran("Dua
Belas", "Itna ashar", "إِثْنَا عَشَرَ",
"duabelas"));
data.add(new Pembelajaran("Tiga
Belas", "Tsalaatsata 'asyara", "ثَلَاثَةَ عَشَرَ",
", "tigabelas"));
data.add(new
Pembelajaran("Empat Belas",
"arba'asyara", "أَرْبَعَةَ عَشَرَ",
"empatbelas"));
data.add(new Pembelajaran("Lima
Belas", "Khamsata 'asyara", "خَمْسَةَ عَشَرَ",
"limabelas"));
data.add(new Pembelajaran("Enam
Belas", "Sittata'asyara", "سِتَّةَ عَشَرَ",
"enambelas"));
data.add(new Pembelajaran("Tujuh
Belas", "Sab'ata 'asyara", "سَبْعَةَ عَشَرَ",
"tujuhbelas"));
data.add(new
Pembelajaran("Delapan Belas",
"Tsamaaniyata 'asyara", "ثَمَانِيَّةَ عَشَرَ",
"delapanbelas"));
data.add(new
Pembelajaran("Sembilan Belas",
"Tis'ata 'asyara", "تِسْعَةَ عَشَرَ",
"sembilanbelas"));

```

```

data.add(new Pembelajaran("Dua
Puluh", "isyruuna", "عِشْرُونَ",
"duapuluh"));
data.add(new Pembelajaran("Dua
Puluh Satu", "Waahidun wa 'iyruuna",
"وَاحِدٌ وَعِشْرُونَ", "duasatu"));
data.add(new Pembelajaran("Dua
Puluh Dua", "Itsnani wa 'iyruuna", "إِثْنَانِ
وَعِشْرُونَ", "duadua"));
data.add(new Pembelajaran("Dua
Puluh Tiga", "Tsalaatsatun wa
'iysruuna", "ثَلَاثَةٌ وَعِشْرُونَ", "duatiga"));
data.add(new Pembelajaran("Dua
Puluh Empat", "Arba'atun'wa
'iyruuna", "أَرْبَعَةٌ وَعِشْرُونَ",
"duaempat"));
data.add(new Pembelajaran("Dua
Puluh Lima", "Khasatun wa 'iysruuna",
"خَمْسَةٌ وَعِشْرُونَ", "dualima"));
data.add(new Pembelajaran("Dua
Puluh Enam", "Sittatun wa 'iysruuna",
"سِتَّةٌ وَعِشْرُونَ", "duaienam"));
data.add(new Pembelajaran("Dua
Puluh Tujuh", "Sab'atun wa 'iysruuna",
"سَبْعَةٌ وَعِشْرُونَ", "duatujuh"));
data.add(new Pembelajaran("Dua
Puluh Delapan", "Tsamaaniyatun wa
'iysruuna", "ثَمَانِيَّةٌ وَعِشْرُونَ",
"duadelapan"));
data.add(new Pembelajaran("Dua
Puluh Sembilan", "Tis'atun wa
'iysruuna", "تِسْعَةٌ وَعِشْرُونَ",
"duasembilan"));
data.add(new Pembelajaran("Tiga
Puluh", "tsalaatsuuna", "ثَلَاثُونَ",
"tigapuluh"));
}

```

```

private void pembelajaranTubuh() {
data.add(new
Pembelajaran("Kepala", "Ro'sun",
"رَأْسٌ", "kepala"));
data.add(new
Pembelajaran("Rambut", "Sya'run",
"شَعْرٌ", "rambut"));
data.add(new
Pembelajaran("Telinga", "Udzunun",
"أُذُنٌ", "telinga"));
}

```

```

        data.add(new
Pembelajaran("Mata", "Ainun", "عَيْنٌ",
"mata"));
        data.add(new
Pembelajaran("Hidung", "Anfun", "أَنْفٌ",
"hidung"));
        data.add(new
Pembelajaran("Mulut", "Fammun", "فَمٌّ",
"mulut"));
        data.add(new Pembelajaran("pipi",
"Khodun", "خَدْ", "pipi"));
        data.add(new Pembelajaran("alis",
"Haajibun", "حَاجِبُ الْعَيْنِ", "alis"));
        data.add(new
Pembelajaran("lidah", "lisaanun", "لِسَانٌ",
"lidah"));
        data.add(new Pembelajaran("gigi",
"Sinnun", "سِنَّ", "gigi"));
        data.add(new Pembelajaran("bibir",
"Syaffatun", "شَفَّةٌ", "bibir"));
        data.add(new Pembelajaran("dahi",
"jabiinun", "جَبِيْنٌ", "dahi"));
        data.add(new Pembelajaran("dagu",
"Daqonun", "دَقَنٌ", "dagu"));
        data.add(new
Pembelajaran("leher", "unuqun", "عُنُقٌ",
"leher"));
        data.add(new
Pembelajaran("perut", "batnun", "بَطْنٌ",
"perut"));
        data.add(new Pembelajaran("dada",
"shodrun", "صَدْرٌ", "dada"));
        data.add(new
Pembelajaran("pinggang", "Wirkun",
"وَرَكٌ", "pinggang"));
        data.add(new Pembelajaran("bahu",
"katifun", "كَتِفٌ", "bahu"));
        data.add(new
Pembelajaran("Tangan", "yaddun", "يَدٌ",
"tangan"));
        data.add(new Pembelajaran("sikut",
"mirfaqun", "مِرْفَقٌ", "sikut"));
        data.add(new Pembelajaran("kaki",
"Rijlun", "رِجْلٌ", "kaki"));
        data.add(new Pembelajaran("lutut",
"Rukbatun", "رُكْبَةٌ", "lutut"));
        data.add(new Pembelajaran("paha",
"Fakhdzun", "فَخْذٌ", "paha"));
        data.add(new Pembelajaran("Mata
kaki", "Ka'bun", "كَعْبٌ", "matakaki"));

```

```

        data.add(new
Pembelajaran("Telapak kaki",
"Qodamun", "قَدَمٌ", "telapakkaki"));
        data.add(new
Pembelajaran("Telapak tangan",
"kaffun", "كَفٌ", "telapaktangan"));
        data.add(new
Pembelajaran("ketiak", "ibtun", "إِبْطٌ",
"ketiak"));
        data.add(new
Pembelajaran("Kening", "jabhatun",
"جَبْهَةٌ", "kening"));
    }

    private void pembelajaranHewan() {
        data.add(new
Pembelajaran("Ayam", "dajaajatun",
"دَجَاجَةٌ", "ayam"));
        data.add(new
Pembelajaran("Kambing", "Ghanamun",
"عَنْمٌ", "kambing"));
        data.add(new Pembelajaran("Sapi",
"baqaratun", "بَقَرَةٌ", "sapi"));
        data.add(new
Pembelajaran("Kuda", "hishaanun",
"حِصَانٌ", "kuda"));
        data.add(new
Pembelajaran("Lumba - lumba",
"dulfiinu", "دُلْفِيْنٌ", "lumbalumba"));
        data.add(new
Pembelajaran("Gajah", "fiilun", "فِيلٌ",
"gajah"));
        data.add(new
Pembelajaran("Monyet", "qirdun", "قِرْدٌ",
"monyet"));
        data.add(new
Pembelajaran("Kucing", "qiththatun",
"قِطَّةٌ", "kucing"));
        data.add(new
Pembelajaran("Buaya", "timsaahun",
"تِمْسَاحٌ", "buaya"));
        data.add(new Pembelajaran("Ikan",
"samakatum", "سَمَكَةٌ", "ikan"));
        data.add(new
Pembelajaran("anjing", "kalbun", "كَلْبٌ",
"anjing"));
        data.add(new
Pembelajaran("angsa", "iwazzatun",
"إِوَرَّةٌ", "angsa"));

```

```

        data.add(new
        Pembelajaran("bebek", "baththatun",
        "بَطَّة", "bebek"));
        data.add(new
        Pembelajaran("Burung hantu",
        "buumatun", "بُومَة", "burunghantu"));
        data.add(new
        Pembelajaran("cicak", "wazaghun",
        "وَرَع", "cicak"));
        data.add(new
        Pembelajaran("domba", "Maa'izun",
        "مَاعِز", "domba"));
        data.add(new
        Pembelajaran("elang", "shaqrun",
        "صَفَر", "elang"));
        data.add(new
        Pembelajaran("harimau", "namirun",
        "نَمِر", "harimau"));
        data.add(new
        Pembelajaran("jerapa", "zaraafatun",
        "زَرَافَة", "jerapa"));
        data.add(new
        Pembelajaran("katak", "Dhifda'un",
        "ضِفْدَع", "katak"));
        data.add(new
        Pembelajaran("Kelinci", "arnabun",
        "أَرْنَب", "kelinci"));
        data.add(new Pembelajaran("Kupu-
        kupu", "faraasyatun", "فَرَّاشَة",
        "kupukupu"));
        data.add(new Pembelajaran("Kura-
        kura", "sulahfaatun", "سُلْحَفَة",
        "kurakura"));
        data.add(new Pembelajaran("lalat",
        "dzubaabun", "ذُبَاب", "lalat"));
        data.add(new
        Pembelajaran("Burung merpati",
        "hamaamatun", "حَمَامَة",
        "burungmerpati"));
        data.add(new
        Pembelajaran("nyamuk",
        "Ba'uudhatun", "بَعُوضَة", "nyamuk"));
        data.add(new Pembelajaran("tikus",
        "Fa'ratun", "فَأْرَة", "tikus"));
        data.add(new Pembelajaran("unta",
        "jamalun", "جَمَل", "unta"));
        data.add(new Pembelajaran("ular",
        "Tsu'baanun", "تُعْبَان", "ular"));

```

```

        data.add(new
        Pembelajaran("zebra", "Alhimaaru
        alwahsyi", "الْحِمَارُ الْوَحْشِي", "zebra"));
    }

    private void pembelajaranBenda() {
        data.add(new
        Pembelajaran("Buku", "Kitaabun",
        "كِتَاب", "buku"));
        data.add(new
        Pembelajaran("kamar", "Ghurfatun",
        "غُرْفَة", "kamar"));
        data.add(new
        Pembelajaran("kasur", "Firoosyun",
        "فِرَاش", "kasur"));
        data.add(new
        Pembelajaran("bantal", "Wisaadatun",
        "وِسَادَة", "bantal"));
        data.add(new
        Pembelajaran("Sajadah", "Sajjaadatun",
        "سَجَادَة", "sajadah"));
        data.add(new
        Pembelajaran("toilet", "Hammaamun",
        "حَمَّام", "toilet"));
        data.add(new
        Pembelajaran("sabun", "Shoobuun",
        "صَابُون", "sabun"));
        data.add(new
        Pembelajaran("penggaris",
        "Misthorotun", "مِسْطَرَة", "penggaris"));
        data.add(new
        Pembelajaran("spidol", "Qolamul hibri",
        "قَلَمُ الْحَبْرِ", "spidol"));
        data.add(new
        Pembelajaran("penghapus",
        "Mimsahatun", "مِمْسَحَة", "penghapus"));
        data.add(new Pembelajaran("baju",
        "Tsaubun", "تَوْب", "baju"));
        data.add(new
        Pembelajaran("celana", "sirwaalun",
        "سِرْوَال", "celana"));
        data.add(new Pembelajaran("rok",
        "fustaanun", "فُسْتَان", "rok"));
        data.add(new
        Pembelajaran("rumah", "baitun", "بَيْت",
        "rumah"));
        data.add(new
        Pembelajaran("pintu", "baabun", "بَاب",
        "pintu"));

```

```

        data.add(new
Pembelajaran("jendela", "syabbbaakun",
"شَبَابُكَ", "jendela"));
        data.add(new Pembelajaran("atap",
"saqfun", "سَقْفُ", "atap"));
        data.add(new
Pembelajaran("Tangga", "sullaamun",
"سُلَّامُ", "tangga"));
        data.add(new
Pembelajaran("Lemari", "khizaanatun",
"خَزَائِنَةُ", "lemari"));
        data.add(new Pembelajaran("meja",
"midhodatun", "مِنْضَدَةٌ", "meja"));
        data.add(new
Pembelajaran("kursi", "kursiyyun",
"كُرْسِيٌّ", "kursi"));
        data.add(new
Pembelajaran("cermin", "Mir-atun",
"مِرْأَةٌ", "cermin"));
        data.add(new
Pembelajaran("televisi", "tilfiiziyyun",
"تِلْفِزِيُون", "televisi"));
        data.add(new
Pembelajaran("sepatu", "hidzaaun",
"حِذَاءُ", "sepatu"));
        data.add(new Pembelajaran("odol",
"Ma'juunl asnaani", "مَعْجُونُ الْأَسْنَانِ",
"odol"));
        data.add(new
Pembelajaran("Tempat sampah",
"mazbalatun", "مَزْبَلَةٌ",
"tempatsampah"));
        data.add(new
Pembelajaran("sekolah", "madrosatun",
"مَدْرَسَةٌ", "sekolah"));
        data.add(new Pembelajaran("jam",
"Saa'atun", "سَاعَةٌ", "jam"));
        data.add(new Pembelajaran("Papan
tulis", "sabburotun", "سَبُّورَةٌ",
"papantulis"));
        data.add(new
Pembelajaran("jilbab", "jilbaabun",
"جِلْبَابُ", "jilbab"));
    }

    private void pembelajaranBuah() {
        data.add(new
Pembelajaran("pisang", "mauzun",
"مَوْزٌ", "pisang"));

```

```

        data.add(new
Pembelajaran("alpukat", "Afuukaaduu",
"أَفُوكَادُو", "alpukat"));
        data.add(new
Pembelajaran("anggur", "inabun",
"عِنَبٌ", "anggur"));
        data.add(new Pembelajaran("apel",
"Tuqoohun", "تُفَّاحٌ", "apel"));
        data.add(new
Pembelajaran("belimbing", "Fakihatun
najmiyyah", "فَاكِهَةٌ نَجْمِيَّةٌ", "belimbing"));
        data.add(new
Pembelajaran("blackberry", "aliiqun",
"عَلِيْقٌ", "blackberry"));
        data.add(new
Pembelajaran("blewah", "Al habhabu",
"الْحَبْحَبُ", "blewah"));
        data.add(new Pembelajaran("ceri",
"Karozun", "كَرَزٌ", "ceri"));
        data.add(new
Pembelajaran("delima", "Ar
rummaanun", "الرُّمَّانُ", "delima"));
        data.add(new
Pembelajaran("duku", "Duukuu", "دُوكُو",
"duku"));
        data.add(new
Pembelajaran("durian", "Abuu syaukin",
"أَبُو شَوَكٍ", "durian"));
        data.add(new
Pembelajaran("jagung", "Dzarotun",
"ذَرَّةٌ", "jagung"));
        data.add(new
Pembelajaran("jambu", "Al
jauwwaafah", "الْجَوَّافَةُ", "jambu"));
        data.add(new Pembelajaran("Jeruk
nipsis", "laimun", "لَيْمُونٌ", "jeruknipsis"));
        data.add(new
Pembelajaran("kelapa", "Jauzul hindi",
"جَوْزُ الْهِنْدِ", "kelapa"));
        data.add(new
Pembelajaran("kelengkeng", "Luu
najan", "لُونَجَانُ", "kelengkeng"));
        data.add(new Pembelajaran("kiwi",
"Kiiwii", "كِيْوِي", "kiwi"));
        data.add(new
Pembelajaran("kurma", "tamrun", "تَمْرٌ",
"kurma"));
        data.add(new
Pembelajaran("mangga", "manjuu",
"مَائِجُو", "mangga"));

```

```

        data.add(new
        Pembelajaran("Manggis",
        "Mangghustiin", "مَانْغُوْسْتِيْن",
        "manggis"));
        data.add(new
        Pembelajaran("melon", "syamaamun",
        "شَمَام", "melon"));
        data.add(new
        Pembelajaran("mentimun", "khiyaarun",
        "خِيَار", "mentimun"));
        data.add(new
        Pembelajaran("nanas", "Anaanaasu",
        "أَنَانَاْس", "nanas"));
        data.add(new
        Pembelajaran("angka", "Huukhun",
        "هُوُخ", "angka"));
        data.add(new
        Pembelajaran("pepaya", "Baabaayaa",
        "بَابَايَا", "pepaya"));
        data.add(new
        Pembelajaran("persik", "Darooqun",
        "دَرَاَق", "persik"));
        data.add(new Pembelajaran("pir",
        "Al kumitsro", "الْكُمِيْتْرِي", "pir"));
        data.add(new
        Pembelajaran("aprikot", "misymisy",
        "مِسْمِيْش", "aprikot"));
        data.add(new
        Pembelajaran("Semangka", "
        battikh", "بَطِيْخ", "semangka"));
    }

    private void nextItem() {
        if (mediaPlayer != null) {
            mediaPlayer.release();
        }
        Pembelajaran pembelajaran =
        data.get(currentQuestionIndex);
        int imageResource =
        getResources().getIdentifier(pembelajar
        an.getGambar(), "drawable",
        getPackageName());

        gambar.setImageResource(imageResour
        ce);

        lArab.setText(pembelajaran.getLatinAra
        b());

```

```

        bArab.setText(pembelajaran.getBahasa
        Arab());

        bIndo.setText(pembelajaran.getBahasaI
        ndonesia());
        int resId =
        getResources().getIdentifier(pembelajar
        an.getGambar(), "raw",
        getPackageName());
        mediaPlayer =
        MediaPlayer.create(this, resId);
        audio.setOnClickListener(v -> {

        v.startAnimation(scaleAnimation);
            mediaPlayer.start();
        });
    }

    protected void onStop() {
        super.onStop();
        if (mediaPlayer != null) {
            mediaPlayer.release();
            mediaPlayer = null;
        }
    }
}

Class Pembelajaran {
    String bahasaIndonesia, bahasaArab,
    latinArab, gambar;

    public Pembelajaran(String
    bahasaIndonesia, String bahasaArab,
    String latinArab, String gambar) {
        this.bahasaIndonesia =
        bahasaIndonesia;
        this.bahasaArab = bahasaArab;
        this.latinArab = latinArab;
        this.gambar = gambar;
    }

    public String getBahasaIndonesia() {
        return bahasaIndonesia;
    }

    public String getBahasaArab() {
        return bahasaArab;
    }
}

```

```

    public String getLatinArab() {
        return latinArab;
    }

    public void
    setBahasaIndonesia(String
    bahasaIndonesia) {
        this.bahasaIndonesia =
    bahasaIndonesia;
    }

    public void setBahasaArab(String
    bahasaArab) {
        this.bahasaArab = bahasaArab;
    }

    public void setLatinArab(String
    latinArab) {
        this.latinArab = latinArab;
    }

    public void setGambar(String
    gambar) {
        this.gambar = gambar;
    }

    public String getGambar() {
        return gambar;
    }
}

```

- Quiz Activity

```

package com.example.apps;

import
    Android.annotation.SuppressLint;
import Android.content.Intent;
import Android.media.MediaPlayer;
import Android.net.Uri;
import Android.os.Bundle;
import Android.os.CountDownTimer;
import Android.view.View;
import
    Android.view.animation.Animation;
import
    Android.view.animation.AnimationUtils
;

```

```

import Android.widget.Button;
import Android.widget.ImageButton;
import Android.widget.ImageView;
import Android.widget.RadioButton;
import Android.widget.RadioGroup;
import Android.widget.TextView;
import Android.widget.VideoView;

import
    Androidx.appcompat.app.AppCompatActivity;

import Java.util.ArrayList;
import Java.util.Collections;
import Java.util.List;

public Class QuizActivity extends
    MusicBackground {

    private ImageView questionImage;
    private RadioButton
    option1RadioButton;
    private RadioButton
    option2RadioButton;
    private RadioButton
    option3RadioButton;
    private RadioButton
    option4RadioButton;
    private RadioButton
    option5RadioButton;
    private RadioGroup
    optionsRadioGroup;
    private final List<Quiz> questions =
    new ArrayList<>();
    private int currentQuestionIndex = 0;
    private int score = 0;
    ImageButton btn;

    private TextView timer;
    VideoView video;
    @Override
    protected void onCreate(Bundle
    savedInstanceState) {

    super.onCreate(savedInstanceState);

    getWindow().getDecorView().setSystem
    UiVisibility(

```

```
View.SYSTEM_UI_FLAG_FULLSCREEN |
```

```
View.SYSTEM_UI_FLAG_HIDE_NAVIGATION |
```

```
View.SYSTEM_UI_FLAG_IMMERSIVE_STICKY |
```

```
View.SYSTEM_UI_FLAG_LAYOUT_STABLE |
```

```
View.SYSTEM_UI_FLAG_LAYOUT_HIDE_NAVIGATION |
```

```
View.SYSTEM_UI_FLAG_LAYOUT_FULLSCREEN  
    );
```

```
setContentView(R.layout.activity_quiz);
```

```
    Animation scaleAnimation =  
    AnimationUtils.loadAnimation(QuizActivity.this, R.anim.scale);
```

```
    timer = findViewById(R.id.timer);  
    long duration = 60000;  
    CountDownTimer  
    countDownTimer = new  
    CountDownTimer(duration, 1000) {  
        @Override  
        public void onTick(long  
        millisUntilFinished) {
```

```
        timer.setText(String.valueOf(millisUntilFinished / 1000));  
    }  
}
```

```
    @Override  
    public void onFinish() {  
        displayResult();  
    }  
};
```

```
countDownTimer.start();
```

```
//background video  
video = (VideoView)  
findViewById(R.id.video);
```

```
Uri uri =  
Uri.parse("Android.resource://" + getPackageName() + "/" + R.raw.bgvideo5);  
video.setVideoURI(uri);  
video.start();
```

```
    video.setOnPreparedListener(new  
    MediaPlayer.OnPreparedListener() {  
        @Override  
        public void  
        onPrepared(MediaPlayer mediaPlayer) {  
            mediaPlayer.setLooping(true);  
        }  
    });
```

```
    btn =  
    findViewById(R.id.backHome);  
    btn.setOnClickListener(v -> {  
        Intent i = new  
        Intent(QuizActivity.this,  
        MenuActivity.class);  
        countDownTimer.cancel();  
        startActivity(i);  
    });
```

```
    initializeQuestions();  
    Collections.shuffle(questions);
```

```
    questionImage =  
    findViewById(R.id.questionImage);  
    option1RadioButton =  
    findViewById(R.id.option1RadioButton);
```

```
    option2RadioButton =  
    findViewById(R.id.option2RadioButton);
```

```
    option3RadioButton =  
    findViewById(R.id.option3RadioButton);
```

```
    option4RadioButton =  
    findViewById(R.id.option4RadioButton);
```

```
    option5RadioButton =  
    findViewById(R.id.option5RadioButton);
```

```
    optionsRadioGroup =  
    findViewById(R.id.optionsRadioGroup);  
};
```



```

        Button nextButton =
        findViewById(R.id.nextButton);

        displayQuestion();

        nextButton.setOnClickListener(v -
        > {

        v.startAnimation(scaleAnimation);
            int selectedOptionId =
        optionsRadioGroup.getCheckedRadioB
        uttonId();
            if (selectedOptionId != -1) {
                RadioButton selectedOption =
        findViewById(selectedOptionId);
                int answerIndex =
        optionsRadioGroup.indexOfChild(select
        edOption);
                checkAnswer(answerIndex);
                if (currentQuestionIndex <
        questions.size() - 1) {
                    currentQuestionIndex++;
                    displayQuestion();
                } else {
                    displayResult();
                }
            }
        });

        //lanjut background video
        @Override
        protected void onPostResume() {
            video.resume();
            super.onPostResume();
        }

        @Override
        protected void onRestart() {
            video.start();
            super.onRestart();
        }

        @Override
        protected void onPause() {
            video.suspend();
            super.onPause();
        }

```

```

        @Override
        protected void onDestroy() {
            video.stopPlayback();
            super.onDestroy();
        }

        private void initializeQuestions() {
            questions.add(new Quiz("tiga",
            new String[]{"1", "2", "3", "4", "5"},
            2));
            questions.add(new
            Quiz("limabelas", new String[]{"11",
            "12", "13", "14", "15", 4});
            questions.add(new
            Quiz("sembilanbelas", new
            String[]{"Tis'ata 'asyara", "Itna ashar",
            "Sab'atun wa 'iysruuna", "'asyratun",
            "Tsamaaniyata 'asyara"}, 0));
            questions.add(new Quiz("satu",
            new String[]{"Waahidun",
            "Tsalaatsatun", "tsamaaniyatun",
            "tsalaatsuuna", "Ahad ashar"}, 0));
            questions.add(new Quiz("duadua",
            new String[]{"", "سَبْعَةٌ", "وَاحِدٌ", "أَرْبَعَةٌ",
            "ثَلَاثَةٌ", "اِثْنَانٌ وَعِشْرُونَ"}));
            questions.add(new Quiz("kepala",
            new String[]{"Ro'sun", "Udzunun",
            "Fammun", "lisaanun", "unuqun"}, 0));
            questions.add(new Quiz("mata",
            new String[]{"", "عَيْنٌ", "أَنْفٌ", "خَدٌّ",
            "مِرْفَقٌ", "1"}));
            questions.add(new
            Quiz("telapakkaki", new
            String[]{"Syaffatun", "jabiinun",
            "Qodamun", "lisaanun", "unuqun"}, 2));
            questions.add(new Quiz("kaki",
            new String[]{"Khodun", "mirfaqun",
            "Rukbatun", "Qodamun", "Rijlun"}, 4));
            questions.add(new Quiz("telinga",
            new String[]{"", "إِذْنٌ", "كَعْظٌ", "حَبِيبٌ",
            "أَذُنٌ", "0"}));
            questions.add(new
            Quiz("lumbalumba", new
            String[]{"", "نَمْرٌ", "إِوْرَةٌ", "قَطْءٌ",
            "دُلْفِينٌ", "0"}));
            questions.add(new Quiz("buaya",
            new String[]{"hishaanun", "zaraafatun",
            "timsaahun", "dzubaabun", "Alhimaaru
            alwahsyi"}, 2));

```

```

        questions.add(new Quiz("kucing",
        new String[]{"qiththatun", "Ghanamun",
        "dulfiinu", "kalbun", "shaqrun"}, 0));
        questions.add(new
        Quiz("burungmerpati", new
        String[]{"", "نَمِرٌ", "إِوَرَّةٌ", "عَلَمٌ", "بَقَرَةٌ",
        "4"}, (حَمَامَةٌ)));
        questions.add(new Quiz("zebra",
        new String[]{"Alhimaaru alwahsyi",
        "hishaanun", "baththatun", "arnabun",
        "shaqrun"}, 0));
        questions.add(new Quiz("buku",
        new String[]{"Firoosyun",
        "Hammaamun", "Kitaabun", "Qolamul
        hibri", "Tsaubun"}, 2));
        questions.add(new Quiz("rok", new
        String[]{"", "قُسْتَانٌ", "مِسْطَرَّةٌ", "كِتَابٌ", "حَمَامٌ",
        "3"}, (سِرْوَالٌ)));
        questions.add(new Quiz("jendela",
        new String[]{"Shoobuun",
        "Wisaadatun", "baitun", "syabbbaakun",
        "tilfiiziyyun"}, 3));
        questions.add(new Quiz("jam",
        new String[]{"", "تَوْبٌ", "كِتَابٌ", "فِرَاشٌ",
        "3"}, (سَاعَةٌ, "خِرَازَنَةٌ)));
        questions.add(new
        Quiz("papantulis", new String[]{"", "خِرَازَنَةٌ",
        "3"}, (قَلَمُ الْحَبْرِ, "مِسْطَرَّةٌ", "سَبُّورَةٌ", "فِرَاشٌ",
        "3")));
        questions.add(new
        Quiz("belimbing", new String[]{"", "مَوْزٌ",
        "2"}, (أَفْرَكَادُو, "فَاكِهَةٌ نَجْمِيَّةٌ", "تَفَّاحٌ", "كَرَرٌ",
        "2")));
        questions.add(new Quiz("anggur",
        new String[]{"mauzun", "inabun",
        "Duukuu", "Kiiwii", "Darooqun"}, 1));
        questions.add(new
        Quiz("jeruknipis", new String[]{"", "تَفَّاحٌ",
        "2"}, (ذَرَّةٌ, "أَلِيمُونٌ", "أَنَاسُ", "أَلُونَجَانٌ",
        "2")));
        questions.add(new
        Quiz("mentimun", new String[]{"", "كَبُوبِي",
        "3"}, (عَلِيْقٌ, "خَبَارٌ", "مَانَعُوسَتَيْنِ", "دَرَّاقٌ",
        "3")));
        questions.add(new
        Quiz("semangka", new
        String[]{"battikh", "Tuqoohun",
        "Kiiwii", "Baabaayaa", "misymisy"},
        0));
    }

```

```

    private void displayQuestion() {
        Quiz currentQuestion =
        questions.get(currentQuestionIndex);

```

```

        @SuppressWarnings("DiscouragedApi")
        int imageResource =
        getResources().getIdentifier(currentQue
        stion.getQuestion(), "drawable",
        getPackageName());

```

```

        questionImage.setImageResource(image
        Resource);

```

```

        option1RadioButton.setText(currentQue
        stion.getOptions()[0]);

```

```

        option2RadioButton.setText(currentQue
        stion.getOptions()[1]);

```

```

        option3RadioButton.setText(currentQue
        stion.getOptions()[2]);

```

```

        option4RadioButton.setText(currentQue
        stion.getOptions()[3]);

```

```

        option5RadioButton.setText(currentQue
        stion.getOptions()[4]);
        optionsRadioGroup.clearCheck();
    }

```

```

    private void checkAnswer(int
    answerIndex) {
        if (answerIndex ==
        questions.get(currentQuestionIndex).get
        CorrectAnswerIndex()) {
            score++;
        }
    }

```

```

    // Perhitungan Skor
    private void displayResult() {
        Intent i = new Intent(this,
        ResultActivity.class);
        double scores = (double) score / 25
        * 100;
        int skors = (int) scores;
        i.putExtra("skor",
        String.valueOf(skors));
        startActivity(i);
    }

```

```

    }

    Class Quiz {
        private final String question;

```

```

private final String[] options;
private final int correctAnswerIndex;

public Quiz(String question, String[]
options, int correctAnswerIndex) {
    this.question = question;
    this.options = options;
    this.correctAnswerIndex =
correctAnswerIndex;
}

public String getQuestion() {
    return question;
}

public String[] getOptions() {
    return options;
}

public int getCorrectAnswerIndex() {
    return correctAnswerIndex;
}
}

```

- Result Activity
package com.example.apps;

```

import
Android.annotation.SuppressLint;
import Android.content.Intent;
import Android.media.MediaPlayer;
import Android.net.Uri;
import Android.os.Bundle;
import Android.view.View;
import
Android.view.animation.Animation;
import
Android.view.animation.AnimationUtil
s;
import Android.widget.Button;
import Android.widget.TextView;
import Android.widget.VideoView;

import
Androidx.appcompat.app.AppCompatActivity;

```

```

public Class ResultActivity extends
MusicBackground {

    Button backHome;
    TextView skor;
    VideoView video;

    @SuppressWarnings("MissingInflatedId")
    @Override
    protected void onCreate(Bundle
savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_resul
t);

        getWindow().getDecorView().setSyste
mUiVisibility(
View.SYSTEM_UI_FLAG_FULLSCREEN |

View.SYSTEM_UI_FLAG_HIDE_NAVIGATION |

View.SYSTEM_UI_FLAG_IMMERSIVE_STICKY |

View.SYSTEM_UI_FLAG_LAYOUT
_STABLE |

View.SYSTEM_UI_FLAG_LAYOUT
_HIDE_NAVIGATION |

View.SYSTEM_UI_FLAG_LAYOUT
_FULLSCREEN
        );
        backHome =
findViewById(R.id.home);
        skor = findViewById(R.id.skor);

        skor.setText(String.valueOf(getIntent().
getStringExtra("skor")));
        Animation scaleAnimation =
AnimationUtils.loadAnimation(ResultA
ctivity.this, R.anim.scale);
        backHome.setOnClickListener(v->{

```

```

v.startAnimation(scaleAnimation);
    Intent i = new
Intent(ResultActivity.this,
MenuActivity.Class);
    startActivity(i);
    });
    //background video
    video = (VideoView)
findViewById(R.id.video);
    Uri uri =
Uri.parse("Android.resource://" + getPackage
Name() + "/" + R.raw.bgvideo6);
    video.setVideoURI(uri);
    video.start();

    video.setOnPreparedListener(new
MediaPlayer.OnPreparedListener() {
        @Override
        public void
onPrepared(MediaPlayer mediaPlayer)
        {

mediaPlayer.setLooping(true);
        }
    });

    }
    @Override
    protected void onResume() {
        video.resume();
        super.onResume();
    }

    @Override
    protected void onRestart() {
        video.start();
        super.onRestart();
    }

    @Override
    protected void onPause() {
        video.suspend();
        super.onPause();
    }

    @Override
    protected void onDestroy() {
        video.stopPlayback();
        super.onDestroy();
    }

```

