Lab8

Mainactivity.java

```java
package com.example.media_player_lab8;

import androidx.appcompat.app.AppCompatActivity;

import android.media.MediaPlayer;
import android.os.Bundle;
import android.provider.MediaStore;
import android.view.View;

public class MainActivity extends AppCompatActivity {
    MediaPlayer mediaplay;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        mediaplay=null;
    }


    public void Music(View view) {
        switch (view.getId()){
            case R.id.Playbtn:
                if(mediaplay==null){
                    mediaplay =
MediaPlayer.create(this,R.raw.file_example);
                }
                mediaplay.setOnCompletionListener(new
MediaPlayer.OnCompletionListener() {
                    @Override
                    public void onCompletion(MediaPlayer mediaPlayer) {
                        stopMusic();
                    }
                });
                mediaplay.start();
                break;
            case R.id.Pausebtn:
                if(mediaplay != null)
                    mediaplay.pause();
                break;

            case R.id.Stopbtn:
                if(mediaplay != null){
                    mediaplay.stop();
                    stopMusic();
                }
                break;
        }
    }
```

```java
    private void stopMusic() {
        mediaplay.release();
        mediaplay=null;
    }

    @Override
    protected void onStop() {
        super.onStop();
        stopMusic();
    }
}
```

activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Media Player Lab 8"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical"
        tools:layout_editor_absoluteX="0dp"
        tools:layout_editor_absoluteY="0dp">

        <Button
            android:id="@+id/Playbtn"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:onClick="Music"
            android:text="Play" />

        <Button
            android:id="@+id/Pausebtn"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
```

```xml
            android:onClick="Music"
            android:text="Pause" />

        <Button
            android:id="@+id/Stopbtn"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:onClick="Music"
            android:text="Stop" />
    </LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>
```