MP

*<?*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:id="@+id/media\_player"  
 android:layout\_width="350dp"  
 android:layout\_height="80dp"  
 android:layout\_marginTop="10dp"  
 android:gravity="center"  
 android:text="MEDIA PLAYER"  
 android:textColor="#3C4C97"  
 android:textSize="45sp"  
 android:textStyle="bold"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <TextView  
 android:id="@+id/music"  
 android:layout\_width="270dp"  
 android:layout\_height="60dp"  
 android:layout\_marginTop="40dp"  
 android:gravity="center"  
 android:text="drag me down"  
 android:textColor="@color/black"  
 android:textSize="30sp"  
 android:textStyle="italic"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.496"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/media\_player" />  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="50dp"  
 android:orientation="vertical"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@id/guideline2">  
 <Button  
 android:id="@+id/bt1"  
 android:layout\_width="150dp"  
 android:layout\_height="60dp"  
 android:layout\_gravity="center|center\_vertical"  
 android:layout\_marginBottom="5dp"  
 android:backgroundTint="#616BA5"  
 android:text="Play" />  
 <Button  
 android:id="@+id/bt2"  
 android:layout\_width="150dp"  
 android:layout\_height="60dp"  
 android:layout\_gravity="center|center\_vertical"  
 android:layout\_marginBottom="5dp"  
 android:backgroundTint="#616BA5"  
 android:text="Pause" />  
 <Button  
 android:id="@+id/bt3"  
 android:layout\_width="150dp"  
 android:layout\_height="60dp"  
 android:layout\_gravity="center|center\_vertical"  
 android:layout\_marginBottom="5dp"  
 android:backgroundTint="#616BA5"  
 android:text="Forward" />  
 <Button  
 android:id="@+id/bt4"  
 android:layout\_width="150dp"  
 android:layout\_height="60dp"  
 android:layout\_gravity="center|center\_vertical"  
 android:layout\_marginBottom="5dp"  
 android:backgroundTint="#616BA5"  
 android:text="Rewind" />  
 <Button  
 android:id="@+id/bt5"  
 android:layout\_width="150dp"  
 android:layout\_height="60dp"  
 android:layout\_gravity="center|center\_vertical"  
 android:layout\_marginBottom="5dp"  
 android:backgroundTint="#616BA5"  
 android:text="Stop" />  
 <Button  
 android:id="@+id/bt6"  
 android:layout\_width="150dp"  
 android:layout\_height="60dp"  
 android:layout\_gravity="center|center\_vertical"  
 android:layout\_marginBottom="5dp"  
 android:backgroundTint="#616BA5"  
 android:text="Restart" />  
 </LinearLayout>  
 <androidx.constraintlayout.widget.Guideline  
 android:id="@+id/guideline2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 app:layout\_constraintGuide\_begin="128dp" />  
</androidx.constraintlayout.widget.ConstraintLayout>

package com.example.mplayer;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.media.MediaPlayer;  
import android.os.Bundle;  
import android.provider.MediaStore;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
public class MainActivity extends AppCompatActivity {  
 int starttime = 0;  
 int stoptime = 0;  
 int forwardTime = 5000;  
 int backwardTime = 5000;  
 MediaPlayer mediaPlayer, mediaPlayerNew;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 mediaPlayer = MediaPlayer.*create*(this, R.raw.*kolaver*);  
 mediaPlayerNew = MediaPlayer.*create*(this, R.raw.*kolaver*);  
 TextView songTitile = findViewById(R.id.*music*);  
 songTitile.setText("WHY THIS KOLAVERI DI");  
 Button play = findViewById(R.id.*bt1*);  
 Button pause = findViewById(R.id.*bt2*);  
 Button forward = findViewById(R.id.*bt3*);  
 Button rewind = findViewById(R.id.*bt4*);  
 Button stop = findViewById(R.id.*bt5*);  
 Button restart = findViewById(R.id.*bt6*);  
 play.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Toast.*makeText*(getApplicationContext(), "song playing",  
 Toast.*LENGTH\_LONG*).show();  
 mediaPlayer.start();  
 }  
 });  
 pause.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Toast.*makeText*(getApplicationContext(), "Song Paused",  
 Toast.*LENGTH\_LONG*).show();  
 mediaPlayer.pause();  
 }  
 });  
 forward.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 int currentpos = mediaPlayer.getCurrentPosition();  
 if ((currentpos + forwardTime) <= (stoptime =  
 mediaPlayer.getDuration())) {  
 mediaPlayer.seekTo(currentpos + forwardTime);  
 }  
 Toast.*makeText*(getApplicationContext(), "Song forwarded",  
 Toast.*LENGTH\_LONG*).show();  
 }  
 });  
 rewind.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 int currentpos = mediaPlayer.getCurrentPosition();  
 if ((currentpos - backwardTime) <= (starttime =  
 mediaPlayer.getDuration())) {  
 mediaPlayer.seekTo(currentpos - backwardTime);  
 }  
 Toast.*makeText*(getApplicationContext(), "Song rewinded",  
 Toast.*LENGTH\_LONG*).show();  
 }  
 });  
 stop.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Toast.*makeText*(getApplicationContext(), "Song stopped",  
 Toast.*LENGTH\_LONG*).show();  
 mediaPlayer.stop();  
 }  
 });  
 restart.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Toast.*makeText*(getApplicationContext(), "Song restarted",  
 Toast.*LENGTH\_LONG*).show();  
 mediaPlayer.seekTo(starttime);  
 }  
 });  
 }  
}