## Mediaplayer

## activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</p>
  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"
  android:background="#bb99ff"
  tools:context=".MainActivity"
  android:orientation="vertical">
  <TextView
    android:layout width="match parent"
    android:layout height="wrap content"
    android:text="@string/songname"
    android:id="@+id/songname"
    android:layout margin="30dp"
    android:fontFamily="cursive"
    android:textSize="40dp"
    android:gravity="center"
    android:textStyle="bold"
    />
  <Button
    android:layout width="match parent"
    android:layout height="wrap content"
    android:text="Play"
    android:id="@+id/play"
    android:layout marginLeft="30dp"
    android:layout marginRight="30dp"
    android:backgroundTint="#ff99ff"/>
  <Button
    android:layout width="match parent"
    android:layout height="wrap content"
    android:text="Pause"
    android:id="@+id/pause"
    android:layout marginLeft="30dp"
    android:layout_marginRight="30dp"
    android:backgroundTint="#ff99ff"/>
  <Button
    android:layout width="match parent"
    android:layout height="wrap content"
    android:text="forward"
    android:id="@+id/forward"
    android:layout_marginLeft="30dp"
    android:layout marginRight="30dp"
    android:backgroundTint="#ff99ff"/>
  <Button
    android:layout width="match parent"
    android:layout height="wrap content"
    android:text="Backward"
    android:id="@+id/rewind"
    android:layout_marginLeft="30dp"
    android:backgroundTint="#ff99ff"
    android:layout_marginRight="30dp" />
    android:layout width="match parent"
    android:layout height="wrap content"
    android:backgroundTint="#ff99ff"
    android:text="stop"
    android:id="@+id/stop"
    android:layout marginLeft="30dp"
    android:layout marginRight="30dp" />
</LinearLayout>
```

## Mainactivity.java

package com.example.mediaplayer 403;

```
import androidx.appcompat.app.AppCompatActivity;
import android.media.MediaPlayer;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
  Button play, pause, stop, backward, forward;
  MediaPlayer mediaPlayer;
  int fwTime = 5000;
  int rwTime = 5000;
  int startTime=0:
  @Override
  protected void onCreate(Bundle savedInstanceState) {
     super.onCreate(savedInstanceState);
     setContentView(R.layout.activity main);
     play = findViewById(R.id.play);
     pause = findViewById(R.id.pause);
     stop = findViewById(R.id.stop);
     backward = findViewById(R.id.rewind);
     forward = findViewById(R.id.forward);
     play.setOnClickListener(new View.OnClickListener() {
       @Override
       public void onClick(View view) {
         Toast.makeText(MainActivity.this, "Playing Media now", Toast.LENGTH SHORT).show();
         mediaPlayer = MediaPlayer.create(MainActivity.this,R.raw.song1);
         mediaPlayer.start();
       }
     });
     pause.setOnClickListener((new View.OnClickListener() {
       @Override
       public void onClick(View view) {
     }));
     stop.setOnClickListener(new View.OnClickListener() {
       @Override
       public void onClick(View view) {
         int currentPosition = mediaPlayer.getCurrentPosition();
         if (currentPosition+fwTime <= mediaPlayer.getDuration())</pre>
            mediaPlayer.seekTo(currentPosition+fwTime);
         }}
     forward.setOnClickListener(new View.OnClickListener() {
       @Override
       public void onClick(View view) {
         int currentPosition = mediaPlayer.getCurrentPosition();
         if (currentPosition+fwTime <= mediaPlayer.getDuration())</pre>
            mediaPlayer.seekTo(currentPosition+fwTime);
         }
       }
     });
     backward.setOnClickListener(new View.OnClickListener() {
       @Override
       public void onClick(View view) {
         int currentPosition = mediaPlayer.getCurrentPosition();
         if(currentPosition-rwTime >= startTime){
            mediaPlayer.seekTo(currentPosition-rwTime);
         }
```

## **OUTPUT**

