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Mediaplayer

activity_main.xml

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

```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())
                {
                    mediaPlayer.seekTo(currentPosition+fwTime);
                }}
        });
        forward.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                int currentPosition = mediaPlayer.getCurrentPosition();
                if (currentPosition+fwTime <= mediaPlayer.getDuration())
                {
                    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);
                }
```

```
        }
    });
    }
}
```

strings.xml

```xml
<resources>
    <string name="app_name">Mp</string>
    <string name="songname">song</string>
</resources>
```

OUTPUT