```
Activity main
```

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</p>
    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</pre>
        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"
            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>
```

MainActivity

```
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;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
    MediaPlayer mediaPlayer;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super. onCreate (savedInstanceState);
        setContentView(R. layout.activity main);
        mediaPlayer=null;
    public void Music(View view) {
        int id = view.getId();
        if (id ==R. id. Playbtn) {
            if (mediaPlayer == null) {
                mediaPlayer = MediaPlayer.create(this, R.raw.sound);
                mediaPlayer.start();
  mediaPlayer.setOnCompletionListener(new MediaPlayer.OnCompletionListener() {
                    @Override
                    public void onCompletion(MediaPlayer mp) {
                        stopMusic();
                });
   else if(id == R.id.Pausebtn) {
            if(mediaPlayer!=null) {
                mediaPlayer.pause();
    else if (id ==R. id. Stopbtn) {
            if (mediaPlayer!=null) {
                mediaPlayer.stop();
                stopMusic();
```

```
public void stopMusic() {
    mediaPlayer.release();
    mediaPlayer = null;
    Toast.makeText(this, "Mediaplayer Released", Toast.LENGTH_SHORT).show();
}

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

res->new directory(create file name raw for mp3)
```