Practical No.: 16
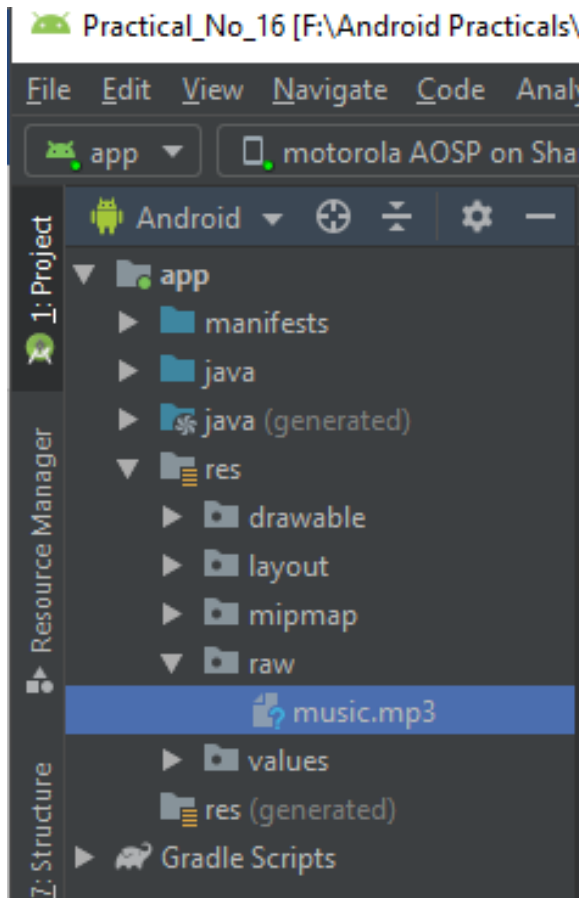
Aim: Play an Audio

<u>*Source Code:*</u>

<u>*activity_main.xml*</u>

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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">

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="48dp"
        android:text="@string/play" />

</RelativeLayout>
```

<u>*MainActivity.java*</u>

```java
package com.technoboy.practical_no_16;
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 {

    MediaPlayer mediaPlayer;
    Button play;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        play=findViewById(R.id.button);
        mediaPlayer=MediaPlayer.create(MainActivity.this,R.raw.music);
        play.setOnClickListener(
            new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                    mediaPlayer.start();
                    Toast.makeText(MainActivity.this, "Playing Audio",
Toast.LENGTH_SHORT).show();
                }
            });
    }}
```

Output: