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Question

Create the media API in android to play an audio file.

Activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
< Relative Layout xmlns: and roid = "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/btnPlay"
    android:layout width="197dp"
    android:layout_height="75dp"
    android:layout alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout alignParentBottom="true"
    android:layout marginEnd="87dp"
    android:layout marginRight="87dp"
    android:layout_marginBottom="468dp"
    android:text="Play Audio"
    android:onClick="playAudio"
    />
  <Button
    android:id="@+id/btnStop"
    android:layout_width="208dp"
    android:layout height="70dp"
    android:layout alignParentEnd="true"
    android:layout_alignParentRight="true"
    android:layout alignParentBottom="true"
    android:layout_marginEnd="89dp"
    android:layout marginRight="89dp"
    android:layout marginBottom="356dp"
    android:text="Stop Audio"
    android:onClick="onPause"/>
  <ImageView
```

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```
android:id="@+id/imageView"
    android:layout_width="wrap_content"
    android:layout height="wrap content"
    app:srcCompat="@color/colorAccent"/>
  < Image Button
    android:id="@+id/imageButton5"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout alignParentEnd="true"
    android:layout alignParentRight="true"
    android:layout alignParentBottom="true"
    android:layout marginEnd="66dp"
    android:layout_marginRight="66dp"
    android:layout marginBottom="182dp"
    android:visibility="invisible"
    app:srcCompat="@drawable/songs"
    tools:visibility="invisible"/>
</RelativeLayout>
```

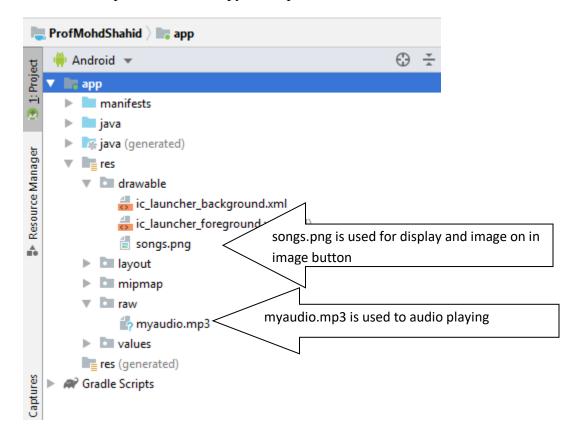
Main Activity.java

```
package com.maharashtracollege.profmohdshahid;
import androidx.appcompat.app.AppCompatActivity;
import android.media.MediaPlayer;
import android.os.Bundle:
import android.view.View;
import android.widget.ImageButton;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
  MediaPlayer mediaPlayer;
  ImageButton ibtn;
  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity main);
    mediaPlayer = MediaPlayer.create(this,R.raw.myaudio);
  }
```

```
public void playAudio(View v)
{
    ibtn = findViewById(R.id.imageButton5);
    ibtn.setVisibility(View.VISIBLE);

    mediaPlayer.start();
    Toast.makeText(this, "Music is playing, Connect Ear Phone to Listen the Ringtone",
Toast.LENGTH_SHORT).show();
}
public void onPause(View v)
{
    super.onPause();
    mediaPlayer.release();
    ibtn.setVisibility(View.INVISIBLE);
}
```

Note: For this practical we to copy the .mp3 file and create the folder raw in the res as follows.



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