

Question

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

Activity_main.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/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
```

```
android:id="@+id/imageView"  
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
app:srcCompat="@color/colorAccent" />
```

<ImageButton

```
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 .



