**the media API**

**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**

**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