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Course:-BCA 5A

Roll no:- 29

Uni. Roll no:-1921085

Create a simple android application to insert an audio and play it using Media Player class.

Xml Code:-

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity"
>

    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginStart="146dp"
        android:layout_marginTop="188dp"
        android:gravity="center"
        android:onClick="play"
        android:text="Play" />

    <Button

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginStart="145dp"
        android:layout_marginTop="261dp"
        android:gravity="center"
        android:onClick="pause"
        android:text="Pause" />

    <Button

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_centerVertical="true"
        android:layout_marginStart="146dp"
        android:layout_marginTop="345dp"
        android:gravity="center"
        android:onClick="stop"
        android:text="Stop" />

</RelativeLayout>
```

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Java Code:-

```
package com.example.audioplayer;

import android.media.MediaPlayer;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    MediaPlayer player;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    public void play(View v)
    {
        if (player == null){
            player = MediaPlayer.create(this,R.raw.rumors);
        }
        player.start();
    }

    public void pause(View v)
    {
        if (player != null){
            player.pause();
        }
    }

    public void stop(View v)
    {
        stopPlayer();
    }

    private void stopPlayer(){
        if (player!=null){
            player.release();
            player=null;
            Toast.makeText(this,"Media PLayer is NOW
Avaliable",Toast.LENGTH_SHORT);
        }
    }
}
```

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O/P:-

