Question

Create the media API in android to play a video file.

Activity main.xml Drag and drop VideoView and Button from Palette

```
<?xml version="1.0" encoding="utf-8"?>
< Relative Layout 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">
  <VideoView
    android:id="@+id/videoView"
    android:layout width="wrap content"
    android:layout_height="wrap_content"/>
  <Button
    android:id="@+id/btnPlay"
    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="151dp"
    android:layout marginRight="151dp"
    android:layout marginBottom="274dp"
    android:onClick="playVideo"
    android:text="Play Video" />
```

Main Activity.java

EMAIL-ID: profshahid18@gmail.com

```
package com.maharashtracollege.profmohdshahid;
import androidx.appcompat.app.AppCompatActivity;
import android.media.MediaPlayer;
import android.net.Uri;
import android.os.Bundle;
import android.os.Environment;
```

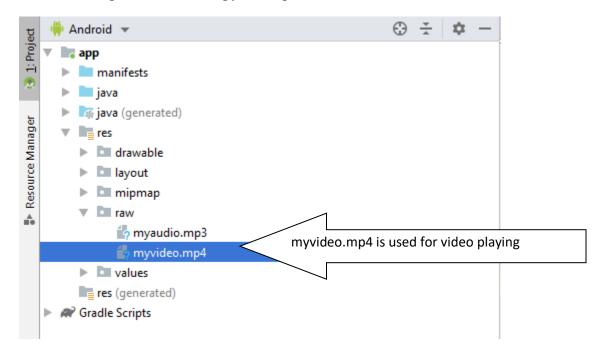
import android.util.Log;

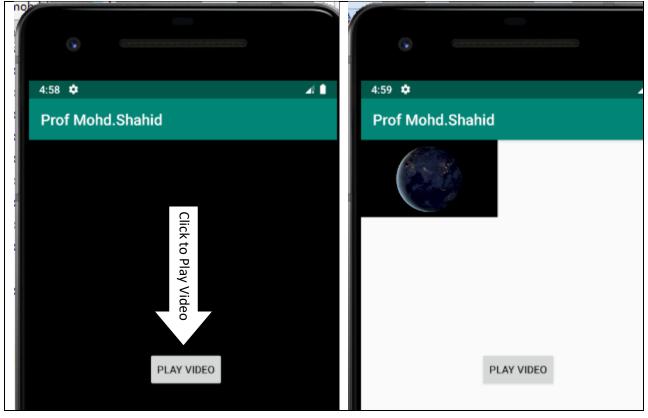
</RelativeLayout>

EMAIL-ID: profshahid18@gmail.com

```
import android.view.View;
import android.widget.Button;
import android.widget.ImageButton;
import android.widget.MediaController;
import android.widget.Toast;
import android.widget.VideoView;
public class MainActivity extends AppCompatActivity {
  VideoView videoview;
  Button btn;
  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
  public void playVideo(View view)
    videoview = (VideoView) findViewById(R.id.videoView);
    try {
       MediaController mediacontroller = new MediaController(
           MainActivity.this);
       mediacontroller.setAnchorView(videoview);
       Uri uri = Uri.parse("android.resource://" + getPackageName() + "/" + R.raw.myvideo);
       videoview.setMediaController(mediacontroller);
       videoview.setVideoURI(uri);
    } catch (Exception e) {
       Log.e("Error", e.getMessage());
       e.printStackTrace();
    videoview.requestFocus();
    videoview.setOnPreparedListener(new MediaPlayer.OnPreparedListener() {
       public void onPrepared(MediaPlayer mp) {
         videoview.start();
    });
  }}
```

Note: For this practical we to copy the .mp4 file and create the folder raw in the res as follows





Prof. Ansari Mohd. Shahid(7977-079-345)

EMAIL-ID: profshahid18@gmail.com