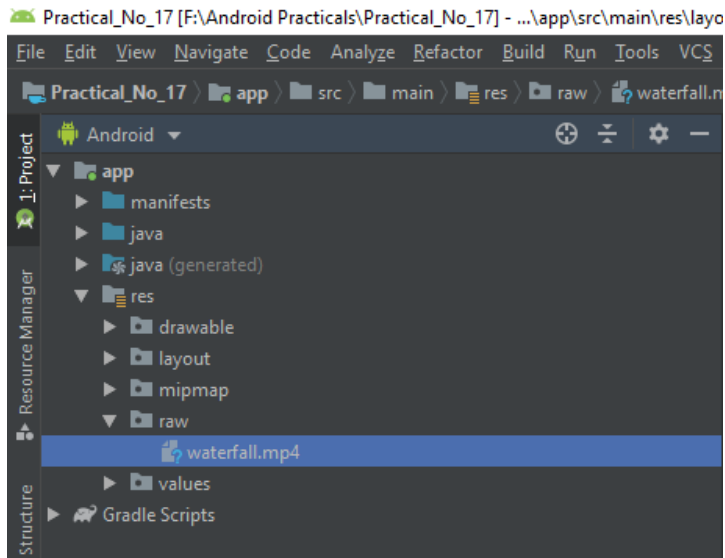


## Practical No.: 17

### Aim: Play a Video

#### Source Code:



#### activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    tools:context=".MainActivity">
```

```
<VideoView
    android:id="@+id/videoView"
    android:layout_width="match_parent"
    android:layout_height="174dp"
    android:layout_alignParentTop="true"
    android:layout_marginTop="91dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="1.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.0" />
```

```
<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentBottom="true"
    android:layout_centerHorizontal="true"
    android:text="@string/play"
```

```
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/videoView" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

### MainActivity.java

```
package com.technoboy.practical_no_17;
```

```
import androidx.appcompat.app.AppCompatActivity;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.VideoView;
```

```
public class MainActivity extends AppCompatActivity {
```

```
    VideoView videoView;
```

```
    Button play;
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {
```

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main);
```

```
        videoView=findViewById(R.id.videoView);
```

```
        play=findViewById(R.id.button);
```

```
        play.setOnClickListener(
```

```
            new View.OnClickListener() {
```

```
                @Override
```

```
                public void onClick(View v) {
```

```
                    String videopath="android.resource://com.example.videoplay/"+R.raw.waterfall;
```

```
                    Uri uri= Uri.parse(videopath);
```

```
                    videoView.setVideoURI(uri);
```

```
                    videoView.start();
```

```
                    Toast.makeText(MainActivity.this, "Playing Video",
```

```
                    Toast.LENGTH_SHORT).show();
```

```
                }
```

```
            }
```

```
        );
```

```
    }
```

```
}
```

### Strings.xml

```
<resources>
```

```
    <string name="app_name">Practical_No_17</string>
```

```
    <string name="play">Play Video</string>
```

```
</resources>
```

**Output:**

