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## Audio/video and images

**MediaController** and **VideoView** classes, we can play the video files in android

### MediaController class

The **android.widget.MediaController** is a view that contains media controls like play/pause, previous, next, fast-forward, rewind etc.

### VideoView class

The **android.widget.VideoView** class provides methods to play and control the video player. The commonly used methods of VideoView class are as follows:

Method	Description
<b>public void setMediaController(MediaController controller)</b>	sets the media controller to the video view.
<b>public void setVideoURI (Uri uri)</b>	sets the URI of the video file.
<b>public void start()</b>	starts the video view.
<b>public void stopPlayback()</b>	stops the playback.
<b>public void pause()</b>	pauses the playback.
<b>public void suspend()</b>	suspends the playback.
<b>public void resume()</b>	resumes the playback.
<b>public void seekTo(int millis)</b>	seeks to specified time in milliseconds.

```
RelativeLayout xmlns:androclass="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" >
```

```
<VideoView  
    android:id="@+id/videoView1"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignParentLeft="true"  
    android:layout_centerVertical="true" />
```

```
</RelativeLayout>
```

```
package com.example.video1;
```

```
import android.net.Uri;
```

```
import android.os.Bundle;
```

```
import android.app.Activity;
```

```
import android.view.Menu;
```

```
import android.widget.MediaController;
```

```
import android.widget.VideoView;
```

```
public class MainActivity extends Activity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

        VideoView videoView =(VideoView)findViewById(R.id.videoView1);

        //Creating MediaController

        MediaController mediaController= new MediaController(this);

        mediaController.setAnchorView(videoView);

        //specify the location of media file

        Uri uri=Uri.parse(Environment.getExternalStorageDirectory().getPath()
+ "/media/1.mp4");

        //Setting MediaController and URI, then starting the videoView

        videoView.setMediaController(mediaController);

        videoView.setVideoURI(uri);

        videoView.requestFocus();

        videoView.start();
```

```
}  
  
@Override  
public boolean onCreateOptionsMenu(Menu menu) {  
    // Inflate the menu; this adds items to the action bar if it is present.  
    getMenuInflater().inflate(R.menu.activity_main, menu);  
    return true;  
}  
  
}
```