

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
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"
android:orientation="vertical"
tools:context=".MainActivity" >

<VideoView
android:id="@+id/videoView"
android:layout_width="match_parent"
android:layout_height="wrap_content" />
</LinearLayout>
```



```
package com.ict.ex10_videoview;

import androidx.appcompat.app.AppCompatActivity;

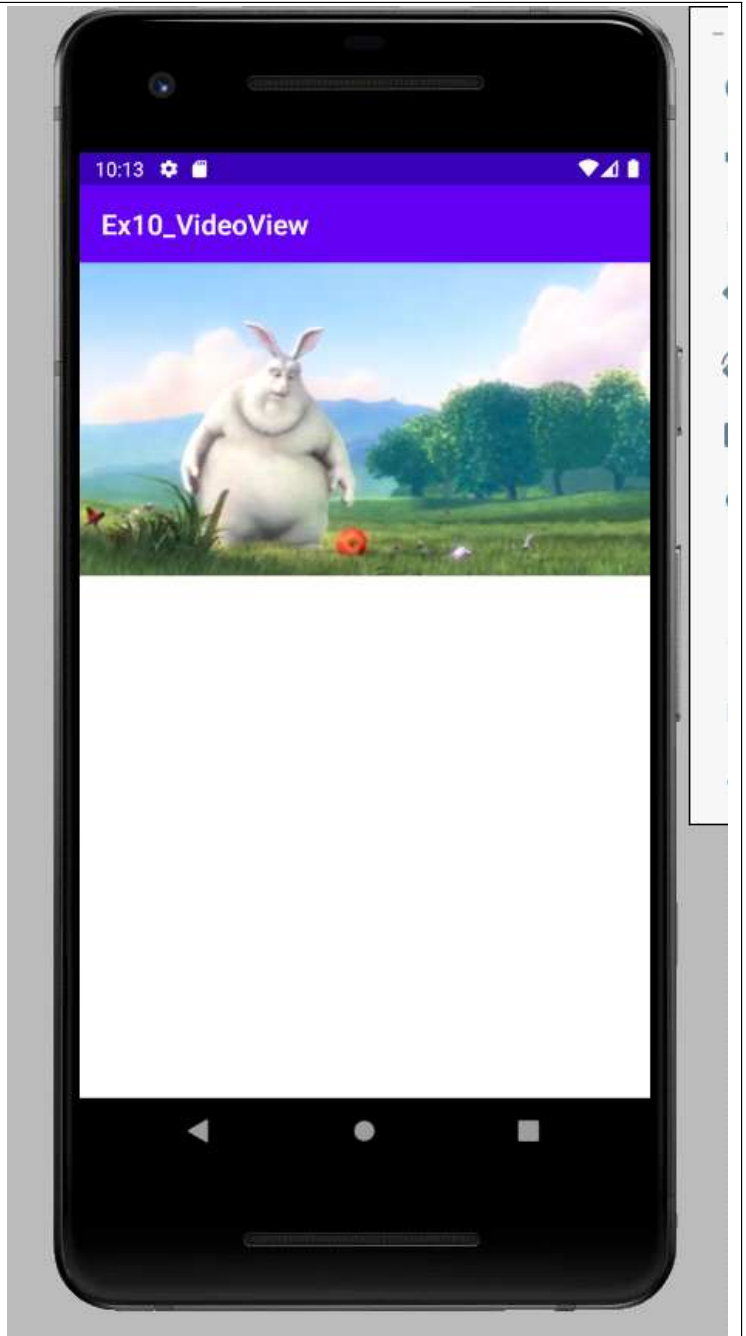
import android.media.MediaPlayer;
import android.net.Uri;
import android.os.Bundle;
import android.widget.MediaController;
import android.widget.VideoView;

public class MainActivity extends AppCompatActivity {
    VideoView vv;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        vv = findViewById(R.id.videoView);

        // 사이트 가져온 동영상 보여주기
        // 사용자허가를 받아야 한다.(퍼미션)
        // <uses-permission android:name="android.permission.INTERNET" />
        // http일경우 android:usesCleartextTraffic="true"
        Uri videoUri =
        Uri.parse("https://www.w3schools.com/html/mov_bbb.mp4");
        // 컨트롤러 붙이기
        vv.setMediaController(new MediaController(this));

        // 비디오뷰에 비디오주소 설정하기
        vv.setVideoURI(videoUri);
        // 비디오 리스너 설정
        vv.setOnPreparedListener(new MediaPlayer.OnPreparedListener() {
            @Override
            public void onPrepared(MediaPlayer mediaPlayer) {
                vv.start();
            }
        });
        // 화면이 안보일때 처리
        @Override
        protected void onPause() {
            super.onPause();
            // 비디오 일시정지
            if(vv != null && vv.isPlaying()) vv.pause();
        }
        // 액티비티가 메모리에서 사라질때
        @Override
        protected void onDestroy() {
            super.onDestroy();
            if(vv!=null) vv.stopPlayback();
        }
    }
}
```



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    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"
    android:orientation="vertical"
    tools:context=".MainActivity" >

    <VideoView
        android:id="@+id/videoView2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
</LinearLayout>
```



```
package com.ict.ex10_videoview;

import androidx.appcompat.app.AppCompatActivity;

import android.media.MediaPlayer;
import android.net.Uri;
import android.os.Bundle;
import android.os.Environment;
import android.widget.MediaController;
import android.widget.VideoView;

public class MainActivity2 extends AppCompatActivity {
    VideoView videoView2;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        videoView2 = findViewById(R.id.videoView2);

        MediaController controller = new
        MediaController(this);
        videoView2.setMediaController(controller);

        videoView2.setVideoURI(
            Uri.parse(Environment.getDataDirectory()+"/data/"+getP
            ackageName()+"/video.mp4")
        );

        videoView2.setOnPreparedListener(new
        MediaPlayer.OnPreparedListener() {
            @Override
            public void onPrepared(MediaPlayer mediaPlayer) {
                videoView2.start();
            }
        });
    }
    // 잠시 쉴때
    @Override
    protected void onPause() {
        super.onPause();
        if(videoView2 != null && videoView2.isPlaying())
            videoView2.pause();
    }

    // 종료했을 때
    @Override
    protected void onDestroy() {
        super.onDestroy();
        if(videoView2 != null){
            videoView2.stopPlayback();
        }
    }
}
```

Device File Explorer				
Emulator MyAVD Android 11, API 30				
Name	Permissions	Date	Size	
acct	dr-xr-xr-x	2020-08-17 01:38	0 B	
apex	drwxr-xr-x	2020-08-17 01:38	920 B	
bin	lrwxr--r--	2009-01-01 09:00	11 B	
config	drwxr-xr-x	2020-08-17 01:38	0 B	
data	drwxrwx--x	2020-08-17 01:38	4 KB	
app	drwxrwx--x	2020-08-17 01:38	4 KB	
data	drwxrwx--x	2020-08-17 01:38	4 KB	
com.ict.ex07_test	drwxrwx--x	2020-08-17 01:38	4 KB	
com.ict.ex08_test	drwxrwx--x	2020-08-17 01:38	4 KB	
com.ict.ex09_webview	drwxrwx--x	2020-08-17 01:38	4 KB	
com.ict.ex10_videoview	drwxrwx--x	2020-08-17 01:38	4 KB	
cache	drwxrws--x	2020-09-30 22:13	4 KB	
code_cache	drwxrws--x	2020-09-30 22:13	4 KB	
video.mp4	-rw-rw-rw-	2020-09-30 22:17	8.7 MB	
org.chromium.webview_shell	drwxrwx--x	2020-08-17 01:38	4 KB	
local	drwxrwx--x	2020-08-17 01:38	4 KB	

위에 위치에 해당 mp4를 넣는다.

