**[2CEIT5PE5: MOBILE APPLICATION DEVELOPMENT]**

Practical: 5

AIM: Create a Video player application.



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**activity\_main.xml**

***<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout 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/my\_video\_view"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" />  
 <com.google.android.material.floatingactionbutton.FloatingActionButton  
 android:id="@+id/btn\_floating"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 android:layout\_margin="50dp"  
 android:src="@drawable/ic\_baseline\_photo\_24"  
 />  
</androidx.constraintlayout.widget.ConstraintLayout>**

**activity\_youtube.xml**

***<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout 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=".YoutubeActivity">  
 <WebView  
 android:id="@+id/my\_web\_view"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" />  
  
 <com.google.android.material.floatingactionbutton.FloatingActionButton  
 android:id="@+id/btn\_floating"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 android:layout\_margin="50dp"  
 android:src="@drawable/ic\_baseline\_photo\_24"  
 />  
</androidx.constraintlayout.widget.ConstraintLayout>**

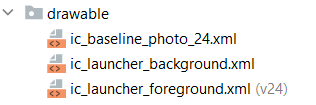
M**ainActivity.kt**

**package com.example.madpractical6\_21012022022  
  
import android.content.Intent  
import android.net.Uri  
import androidx.appcompat.app.AppCompatActivity  
import android.os.Bundle  
import android.widget.MediaController  
import android.widget.VideoView  
import com.google.android.material.floatingactionbutton.FloatingActionButton  
  
class MainActivity : AppCompatActivity() {  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main*)  
 val myVideoView = findViewById<VideoView>(R.id.*my\_video\_view*)  
 val btnFloatingButton=findViewById<FloatingActionButton>(R.id.*btn\_floating*)  
  
 val mediaController = MediaController(this)  
 val uri:Uri= Uri.parse("android.resource://"+*packageName*+"/"+R.raw.*thestoryoflight*)  
 myVideoView.setMediaController(mediaController)  
 mediaController.setAnchorView(myVideoView)  
 myVideoView.setVideoURI(uri)  
 myVideoView.requestFocus()  
 myVideoView.start()  
  
 btnFloatingButton.setOnClickListener {  
 Intent(this,YoutubeActivity::class.*java*).*apply* {  
 startActivity(this)  
 }  
 }  
 }  
}**

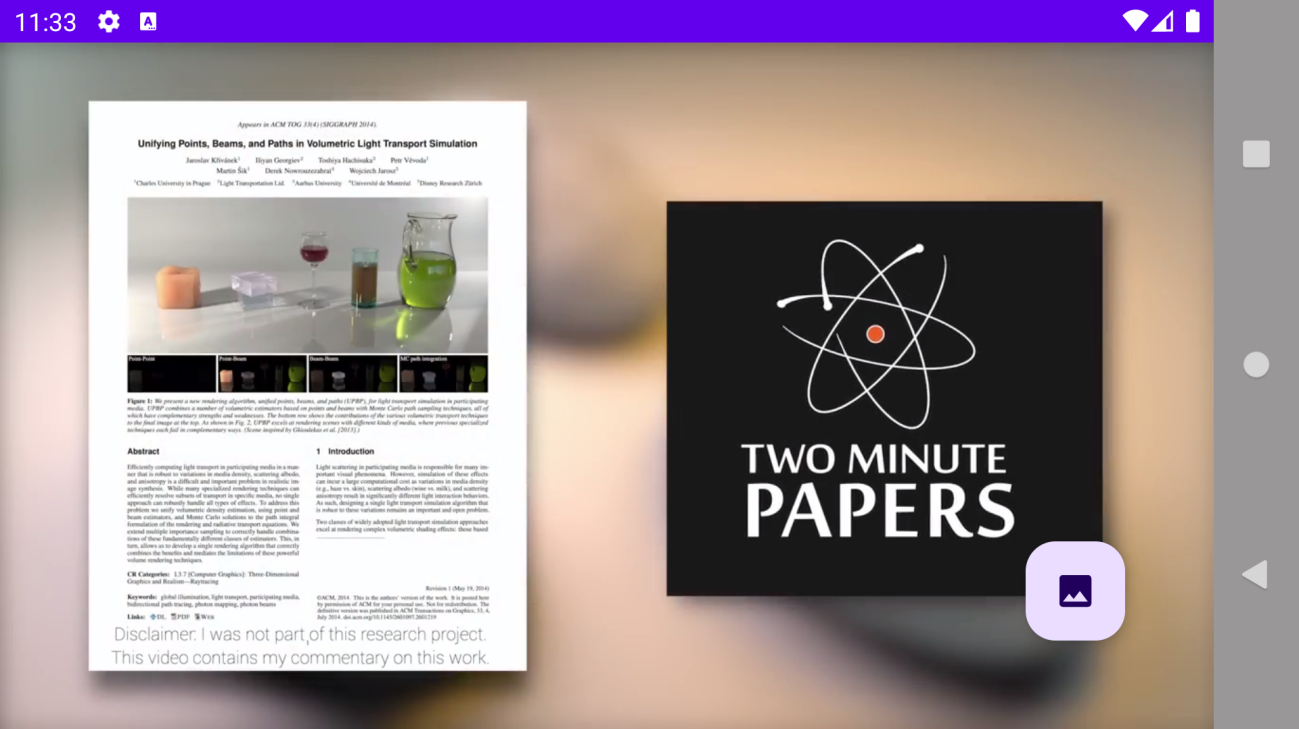
**YoutubeActivity.kt**

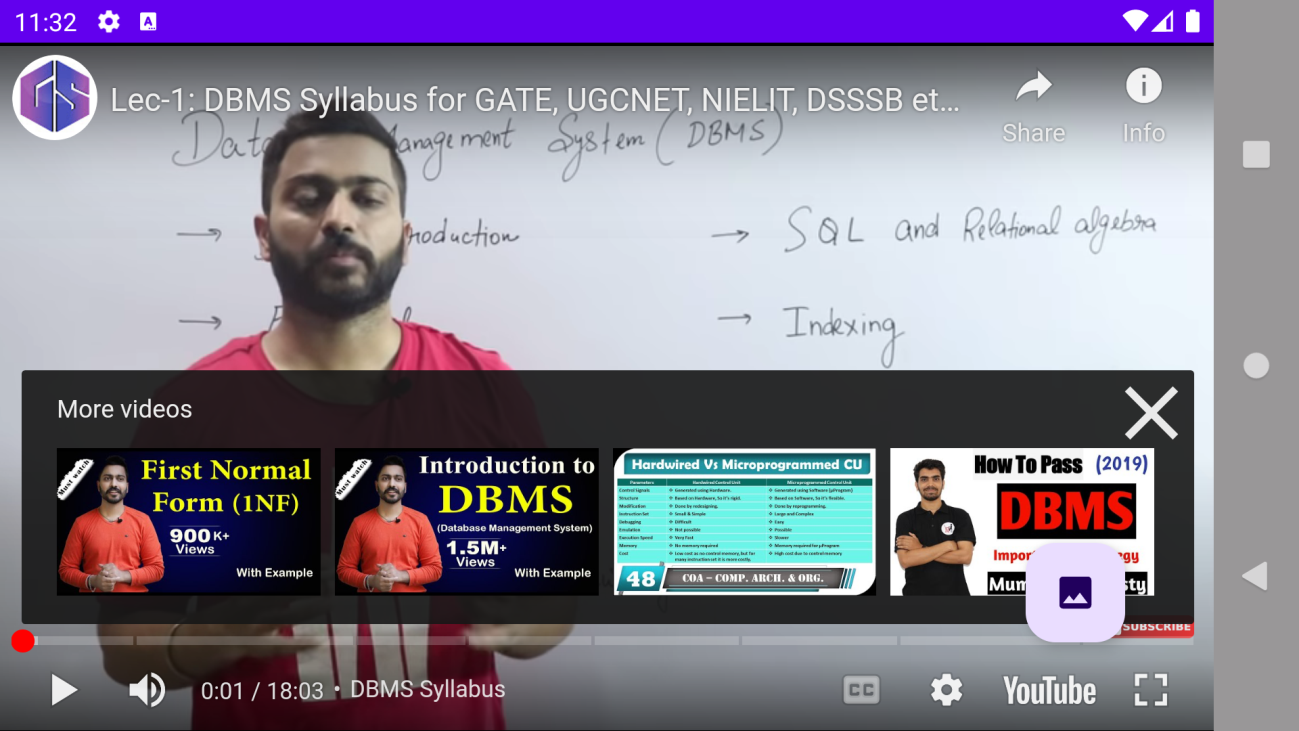
**package com.example.madpractical6\_21012022022  
  
import android.content.Intent  
import androidx.appcompat.app.AppCompatActivity  
import android.os.Bundle  
import android.webkit.WebSettings  
import android.webkit.WebView  
import com.google.android.material.floatingactionbutton.FloatingActionButton  
  
class YoutubeActivity : AppCompatActivity() {  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_youtube*)  
  
 val myWebView = findViewById<WebView>(R.id.*my\_web\_view*)  
 val btnFloatingButton=findViewById<FloatingActionButton>(R.id.*btn\_floating*)  
 val youtubrId="kBdlM6hNDAE"  
 val webSettings:WebSettings=myWebView.*settings* webSettings.*javaScriptEnabled*=true  
 webSettings.*loadWithOverviewMode*=true  
 webSettings.*useWideViewPort*=true  
 myWebView.loadUrl("https://www.youtube.com/embed/"+youtubrId)  
  
 btnFloatingButton.setOnClickListener {  
 Intent(this,MainActivity::class.*java*).*apply* {  
 startActivity(this)  
 }  
 }  
 }  
}**

**Resource:**

** C:\Users\jignesh kanzariya\Desktop\MAD Practical 6 SS\Screenshot 2022-09-20 234712.png**

**Output:**

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