Practical :-6

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/video"
    android:layout -width =" match -parent"
    android: layout -height =" match -parent"

app: layout -constraintBottom -toBottomof ="parent"
app: layout -constraintEnd -toEndof ="parent"
app: layout -constraintstart -tostartof ="parent"
app: layout -constraintTOP -toTOPof =" parent"/>

<com. google. android. material. floatingactionbutton.
    floatingActionButton
    android:id = "@+id/btn1"
    android: layout -width ="wrap - content"
    android: layout -height =" wrap -content"
```

```
android : layout margin = "50dp"
app : layout _ constraintBottom _toBottomof ="Parent"
app : layout _ constraintEnd_ toEndof = "Parent"/>

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

→ AndroidManifest.xml

```
<?xml version =" 1.0" encoding = "Utf-8" ?>
<manifest xmlns:android ="http://schemas.android.
com/apk/res/android"
xmlns: tools = "http://schemas.android.com/
tools"
Package ="com.example.madpractical6-21012022042
<uses-permission android:name = "android.
Permission. INTERNET"/>

<application
android : allowBackup = "true"
android : dataExtractionRules ="@xml/data-
extraction -rules"
android. fullBackupcontent = "@xml/backup-rule
android: icon ='@ mipmap/ic-launcher"
@ android : label = "MADPractical6-21012022042"
android: roundicon = "@mipmap/ic-launche
round"

android : supportSRtL = "true"
```

```
android:theme = "@style/Theme.MADPractical6_
                            21012022042"

tools:targetAPI = "31")
< activity
  android:screenorientation = "landscape"
  android:name = "YoutubeActivity"
  android:exported :" false" />
<activity
  android:screenorientation = "landscape"
  android:name = "MainActivity"
  android:exported = "true")
  <intent - filter>
    <action android:name ="android.
      intent.action.MAIN" />

    <category android:name ="android.
      intent.category.LAUNCHER" />
  < /intent-filter)
</activity)
< /application)
</manifest
```

→ main Activity. kt

package com.example.mad Practical 6-2101202202042.

import...

class mainActivity : AppcompadActivity () {

override fun oncreate (savedInstancestate:
                        Bundle?) {
super.oncreate (savedInstancestate)
setcontentview (R.Layout.activity.main)
val myvideoview findviewById <videoview>
                    (R.id.video)
val myfloatingbutton =findviewById <Button>
                    (R.id.btn7)
Val mediacontroller=mediacontroller (content:
                                    this)
val uri:Uri =Uri.parse (uristring: "android
        resource://"+ packagename+
        "/" +R.raw. thestoryoflight)

myvideoview.setmediacontroller (mediacontroller
mediacontroller. setAnchorview (myvideoview)
myvideoview. setvideoURI (uri)
myvideoview. requestfocus ()
myvideoview. start ()

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activity - youtube.xml

```
<?xml version = "1.0" encoding = "utf-8"?>
<androidx.constrainlayout.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/web"
        android: layout-width = "match-parent"
        android: layout-height = "match-parent"

        app: layout-constraintBottom_toBottomOf = "parent"
        app: layout-constraintEnd-toEndof = "parent"
        app: layout-constraintStart-toStartof = "parent"
        app: layout-constraintTOP-toTOPof = "parent"/>

<com.google.android.material.floatingaction button
                        floatingActionButton
        android: id = "@+id/btn1"
        android: layout-width = "wrap-content"
        android: layout-height = "wrap-content"
        android: layout-margin = "sodp"
```

```
app: layout - constraintBottom - toBottomof = "parent"
app: layout - constraintEnd - toEndof = "parent" />

//androidx. constraintlayout. widget. constraintlayout)

-> youtubeActivity.kt

package com. example. madPractical6-2101202202

import...

class youtube Activity : APPcompatActivity () {
    override fun oncreate (savedInstancestate:
                            Bundle?) {
        super.oncreate (savedInstancestate)
        setcontentview (R.layout. activity - youtube)

        val myvideoview = findviewById <videoview>
                            (R.id.video)
        val myfloatingbutton = findviewById
                            <Button> (R.id.btn2)
    }
}
```