

ANDROID DEVELOPMENT KOTLIN

DIGITAL ASSIGNMENT - 3

PLAY AN YOUTUBE VIDEO ON OUR APP

SUBMITTED BY,

NAME : WIN REVANS B

REG_NO: 20BCE0971

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Application Folder Link :

https://drive.google.com/drive/folders/1K1W9VZ53rGbP0oCEzrlX_zZe-1l8y4e?usp=drive_link

Video Recording :

<https://drive.google.com/file/d/10lrvvZb1hA18th2KS3c8SkUnwDRTbJfQ/view?usp=sharing>

Code :

```
package com.example.utubevideo

import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.layout.Column
import androidx.compose.foundation.layout.Row
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.padding
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.Surface
import androidx.compose.material3.Text
import androidx.compose.runtime.Composable
import androidx.compose.ui.Modifier
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.compose.ui.viewinterop.AndroidView
import com.example.utubevideo.ui.theme.UtubeVideoTheme
import
com.pierfrancescosoffritti.androidyoutubeplayer.core.player.YouTubePlayer
import
com.pierfrancescosoffritti.androidyoutubeplayer.core.player.listeners.AbstractYouTubePlayerListener
import
com.pierfrancescosoffritti.androidyoutubeplayer.core.player.views.YouTubePlayerView

class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            UtubeVideoTheme {
                // A surface container using the 'background' color from
the theme
                Surface(modifier = Modifier.fillMaxSize(), color =
MaterialTheme.colorScheme.background) {
                    Column() {
                        Row(modifier = Modifier.padding(all = 30.dp)) {
                            Text(text = "20BCE0971", fontSize = 20.sp)
                        }
                        Row(modifier = Modifier.padding(all = 30.dp)) {
                            YoutubeScreen("aElqCSrn89w")
                        }
                        Row(modifier = Modifier.padding(all = 30.dp)) {
                            YoutubeScreen("aElqCSrn89w")
                        }
                    }
                }
            }
        }
    }
}
```

```

    }
}

}

}

}

@Composable
fun YoutubeScreen(
    videoId: String
) {
    val ctx = LocalContext.current
    AndroidView(factory = {
        var view = YouTubePlayerView(it)
        val fragment = view.addYouTubePlayerListener(
            object : AbstractYouTubePlayerListener() {
                override fun onReady(youTubePlayer: YouTubePlayer) {
                    super.onReady(youTubePlayer)
                    youTubePlayer.loadVideo(videoId, 0f)
                }
            }
        )
        view
    })
}

@Preview(showBackground = true)
@Composable
fun GreetingPreview() {
    UtubeVideoTheme {
        YoutubeScreen("https://www.youtube.com/watch?v=aElqCSrn89w")
    }
}

```

ScreenShot of Output

