WEEK-3 ASSIGNMENT

NAME : ADITYA KUMAR SINGH

REG. NO. : 20BCE2927

COURSE : Android Application Development with Kotlin

Vellore Campus

Google Drive link for the assignment(I have uploaded the recording and code in the drive link)

https://drive.google.com/drive/folders/1UvPsH_WqsimpgDp_e457r7iYwnA_Pf-N?usp=sharing

CODE:

```
package com.example.youtube_20bce2927

import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.lazy.LazyColumn
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.viewinterop.AndroidView
import com.example.youtube_20bce2927.ui.theme.Youtube_20BCE2927Theme
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)
```

```kotlin
        setContent {
            Youtube_20BCE2927Theme {
                // A surface container using the 'background' color from
the theme
                Surface(
                    modifier = Modifier.fillMaxSize(),
                    color = MaterialTheme.colorScheme.background
                ) {

                    YoutubeScreen(listOf("qKAAUUTfnWQ",
"1g3kYtJf6Tw","oE4g4P41KLM","auET2taj_8U","X7lRGozX8KQ"))


                }
            }
        }
    }
}



@Composable
fun YoutubeScreen(videoIds: List<String>) {
    LazyColumn {
        items(videoIds.size) { index ->
            val videoId = videoIds[index]

            AndroidView(factory = { context ->
                val view = YouTubePlayerView(context)
                val fragment = view.addYouTubePlayerListener(
                    object : AbstractYouTubePlayerListener() {
                        override fun onReady(youTubePlayer:
YouTubePlayer) {

                            super.onReady(youTubePlayer)
                            youTubePlayer.loadVideo(videoId, 0f)
                        }
                    }
                )
                view
            })

        }
    }
}
```
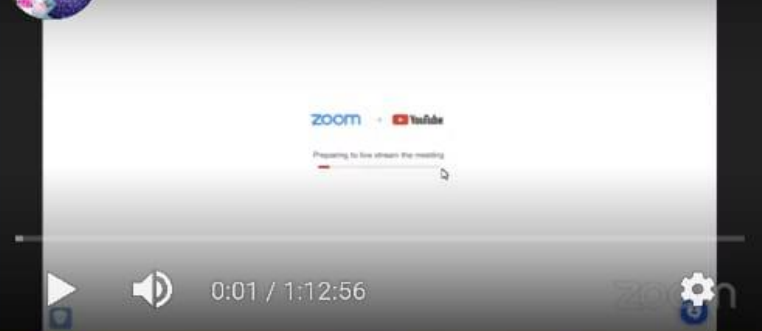
Result :

WEEK 2 - Day 1- (Android App De...

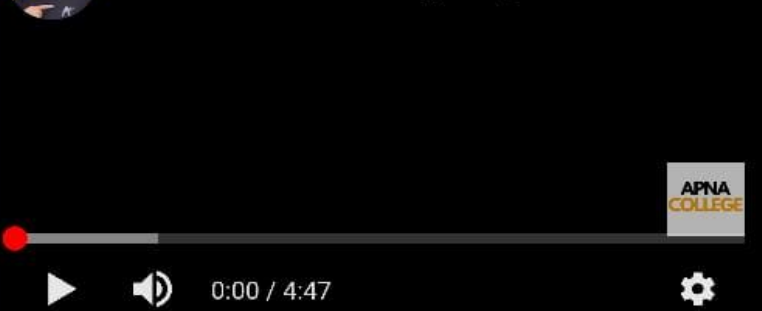0:01 / 1:12:56

Java or C++ or Python | Which la...

3:18 / 9:08

Stop Wasting Your Time | Sandee...

3:02 / 24:40

Get Placement Ready - Big Anno...

APNA
COLLEGE

0:00 / 4:47