

Assignment 3 - YTAPP

MainActivity.kt

package com.example.ytapp

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.material.MaterialTheme

import androidx.compose.material.Surface

import androidx.compose.material.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.ytapp.ui.theme.YTAPPTHEME

import com.pierfrancescosoffritti.androidyoutubeplayer.core.player.YouTubePlayer

import

com.pierfrancescosoffritti.androidyoutubeplayer.core.player.listeners.AbstractYouTubePlayerListener

import com.pierfrancescosoffritti.androidyoutubeplayer.core.player.views.YouTubePlayerView

import androidx.compose.ui.platform.LocalContext

import androidx.compose.ui.viewinterop.AndroidView

class MainActivity : ComponentActivity() {

override fun onCreate(savedInstanceState: Bundle?) {

```

super.onCreate(savedInstanceState)

setContent {
    YTAPPTTheme {
        // A surface container using the 'background' color from the theme
        Surface(
            modifier = Modifier.fillMaxSize(),
            color = MaterialTheme.colors.background
        ) {

            YoutubeScreen(listOf("4HoRha7zKcK","x7g8qmE8Jg0","SSdsncLXLys","TX9qSaGXFyg","KWxYBApUhO
4"))

        }
    }
}
}
}
}
}

```

@Composable

```

fun YoutubeScreen(videoid: List<String>) {

    LazyColumn {
        items(videoid.size) { index ->
            val videoid = videoid[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  
})  
}  
}  
  
}
```