

ASSIGNMENT 3

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CODE-

MainActivityFile.kt:

```
package com.example.youtube_player

import android.content.Context
import android.content.Intent
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.Image
import androidx.compose.foundation.background
import androidx.compose.foundation.layout.Arrangement
import androidx.compose.foundation.layout.Column
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.size
import androidx.compose.foundation.rememberScrollState
import androidx.compose.foundation.verticalScroll
import androidx.compose.material3.Button
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.Surface
import androidx.compose.material3.Text
import androidx.compose.runtime.Composable
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.unit.dp
import com.example.youtube_player.ui.theme.Youtube_playerTheme

class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            Youtube_playerTheme {
                // A surface container using the 'background' color from
the theme
                Surface(
                    modifier = Modifier.fillMaxSize(),
                    color = MaterialTheme.colorScheme.background
                ) {
                    Greeting(applicationContext)
                }
            }
        }
    }
}
```

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    }
}

@Composable
fun Greeting(context: Context) {
    Column(verticalArrangement = Arrangement.Top,
        horizontalAlignment = Alignment.CenterHorizontally,
        modifier = Modifier
            .fillMaxSize()
            .background(Color.Black)
            .verticalScroll(rememberScrollState())) {
        Image(
            painterResource(id = R.drawable.smartlogo),
            contentDescription = "",
            modifier = Modifier.size(500.dp, 200.dp)
        )

        Image(
            painterResource(id = R.drawable.first),
            contentDescription = "",
            modifier = Modifier.size(600.dp, 300.dp)
        )
        Button(onClick = {
            var mine = Intent(context, MainActivity1::class.java)
            mine.setFlags(Intent.FLAG_ACTIVITY_NEW_TASK);
            context.startActivity(mine)
        }) {
            Text(text = "Click Here To Watch This Video")
        }

        Image(
            painterResource(id = R.drawable.second),
            contentDescription = "",
            modifier = Modifier.size(600.dp, 300.dp)
        )
        Button(onClick = {
            var mine2 = Intent(context, MainActivity2::class.java)
            mine2.setFlags(Intent.FLAG_ACTIVITY_NEW_TASK);
            context.startActivity(mine2)
        }) {
            Text(text = "Click Here To Watch This Video")
        }

        Image(
            painterResource(id = R.drawable.third),
            contentDescription = "",
            modifier = Modifier.size(600.dp, 300.dp)
        )
        Button(onClick = {
            var mine3 = Intent(context, MainActivity3::class.java)
            mine3.setFlags(Intent.FLAG_ACTIVITY_NEW_TASK);
            context.startActivity(mine3)
        }) {
            Text(text = "Click Here To Watch This Video")
        }

        Image(
            painterResource(id = R.drawable.fourth),

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```
        contentDescription = "",
        modifier = Modifier.size(600.dp, 300.dp)
    )
    Button(onClick = {
        var mine4 = Intent(context, MainActivity4::class.java)
        mine4.setFlags(Intent.FLAG_ACTIVITY_NEW_TASK);
        context.startActivity(mine4)
    }) {
        Text(text = "Click Here To Watch This Video")
    }

    Image(
        painterResource(id = R.drawable.fifth),
        contentDescription = "",
        modifier = Modifier.size(600.dp, 300.dp)
    )
    Button(onClick = {
        var mine5 = Intent(context, MainActivity5::class.java)
        mine5.setFlags(Intent.FLAG_ACTIVITY_NEW_TASK);
        context.startActivity(mine5)
    }) {
        Text(text = "Click Here To Watch This Video")
    }
}
}
```

MainActivityFile1.kt:

```
package com.example.youtube_player

import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.layout.fillMaxSize
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.graphics.Color
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.viewinterop.AndroidView
import com.example.youtube_player.ui.theme.Youtube_playerTheme
import com.pierfrancescosoffritti.androidyoutubeplayer.core.player.YouTubePlayer
import com.pierfrancescosoffritti.androidyoutubeplayer.core.player.listeners.AbstractYouTubePlayerListener
import com.pierfrancescosoffritti.androidyoutubeplayer.core.player.views.YouTubePlayerView

class MainActivity1 : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            Youtube_playerTheme {
                // A surface container using the 'background' color from
the theme
                Surface(
                    modifier = Modifier.fillMaxSize(),
                    color = Color.Black
                ) {
                    YoutubeScreen1("Fgg1vL2ZoJ4")
                }
            }
        }
    }
}

@Composable
fun YoutubeScreen1(videoId: String) {
    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
    })
}
```

OUTPUT-

Google Drive link for demo video:

https://drive.google.com/file/d/1IAIF-V_mkH9e3MDcQ9JKZ237vAXSDTdu/view?usp=sharing