

```
1 package com.example.vit_20bhi10045_youtube_player
2
3 import android.os.Bundle
4 import androidx.activity.ComponentActivity
5 import androidx.activity.compose.setContent
6 import androidx.compose.foundation.Image
7 import androidx.compose.foundation.background
8 import androidx.compose.foundation.layout.Arrangement
9 import androidx.compose.foundation.layout.Column
10 import androidx.compose.foundation.layout.Row
11 import androidx.compose.foundation.layout.Spacer
12 import androidx.compose.foundation.layout.fillMaxSize
13 import androidx.compose.foundation.layout.fillMaxWidth
14 import androidx.compose.foundation.layout.height
15 import androidx.compose.foundation.layout.padding
16 import androidx.compose.foundation.layout.width
17 import androidx.compose.foundation.shape.RoundedCornerShape
18 import androidx.compose.material.icons.Icons
19 import androidx.compose.material.icons.filled.PlayArrow
20 import androidx.compose.material3.Button
21 import androidx.compose.material3.ButtonDefaults
22 import androidx.compose.material3.Icon
23 import androidx.compose.material3.IconButton
24 import androidx.compose.material3.IconButtonDefaults
25 import androidx.compose.material3.MaterialTheme
26 import androidx.compose.material3.Surface
27 import androidx.compose.material3.Text
28 import androidx.compose.runtime.Composable
29 import androidx.compose.ui.Alignment
30 import androidx.compose.ui.Modifier
31 import androidx.compose.ui.graphics.Color
32 import androidx.compose.ui.graphics.painter.Painter
33 import androidx.compose.ui.res.painterResource
34 import androidx.compose.ui.text.TextStyle
35 import androidx.compose.ui.text.font.FontWeight
36 import androidx.compose.ui.tooling.preview.Preview
37 import androidx.compose.ui.unit.dp
38 import androidx.compose.ui.unit.sp
39 import androidx.compose.ui.viewinterop.AndroidView
40 import com.pierfrancescosoffritti.androidyoutubeplayer.core.player.
    YouTubePlayer
41 import com.pierfrancescosoffritti.androidyoutubeplayer.core.player.listeners.
    AbstractYouTubePlayerListener
42 import com.pierfrancescosoffritti.androidyoutubeplayer.core.player.views.
```

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42 YouTubePlayerView
43
44 class MainActivity : ComponentActivity() {
45     override fun onCreate(savedInstanceState: Bundle?) {
46         super.onCreate(savedInstanceState)
47         setContentView {
48             YoutubeScreen(videoid = "https://youtu.be/CmqXFlpwwzM")
49         }
50     }
51 }
52
53 @Composable
54 fun YT(video_title:String,vID:String){
55     Column(horizontalAlignment = Alignment.CenterHorizontally,
56         verticalArrangement = Arrangement.Center, modifier = Modifier
57             .fillMaxSize()
58             .background(color = Color.Black)
59             .padding(all = 20.dp)) {
60         Row(verticalAlignment = Alignment.CenterVertically,
61             horizontalArrangement = Arrangement.Start)
62         {
63             Text("Media Player", style = TextStyle(
64                 fontSize = 20.sp,
65                 fontWeight = FontWeight.SemiBold,
66                 color = Color.White
67             ))
68         }
69         YoutubeScreen(videoid = vID)
70         Spacer(modifier = Modifier.height(10.dp))
71         Text(video_title, style = TextStyle(
72             fontSize = 15.sp,
73             color = Color.White
74         ))
75     }
76 }
77 @Composable
78 fun YoutubeScreen(
79     videoid: String,
80 ){
81     AndroidView(factory = {
82         var view = YouTubePlayerView(it)
83         val fragment = view.addYouTubePlayerListener(
84             object : AbstractYouTubePlayerListener() {
85                 override fun onReady(youTubePlayer: YouTubePlayer) {

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```
86         super.onReady(youTubePlayer)
87         youtubePlayer.loadVideo(videoid, 0f)
88     }
89 }
90 )
91 view
92 })
93 }
94
```