WEEK – 03 CODES

YOUTUBE VIDEO PLAYER

Reg. no: 20BCE7440

MainActivity.kt:

```kotlin
package com.example.youtubevideo20bce7473

import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.layout.*
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.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.graphics.Shadow
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.text.font.FontFamily
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.style.TextAlign
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.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 {
            LazyColumn(verticalArrangement = Arrangement.Center, horizontalAlignment
= Alignment.CenterHorizontally, modifier = Modifier.padding(10.dp)) {
                item {
                    Text(text = "Youtube Video 20BCE7473", fontSize = 20.sp, style =
TextStyle(color = Color.Black,
                        fontWeight = FontWeight.Black,
                        fontFamily = FontFamily.Monospace,
                        background = Color.White,
                        shadow = Shadow(color = Color.Gray),
                        textAlign = TextAlign.Center)
                    )
                    Spacer(modifier = Modifier.height(10.dp))
                    YoutubeScreen(videoId = "OyqCWNuP0ls")
```

```kotlin
                Spacer(modifier = Modifier.height(10.dp))
                YoutubeScreen(videoId = "4xyRnIntwTo")
                Spacer(modifier = Modifier.height(10.dp))
                YoutubeScreen(videoId = "OyqCWNuP0ls")
                Spacer(modifier = Modifier.height(10.dp))
                YoutubeScreen(videoId = "4xyRnIntwTo")
                Spacer(modifier = Modifier.height(10.dp))
                YoutubeScreen(videoId = "OyqCWNuP0ls")
                Spacer(modifier = Modifier.height(10.dp))
                YoutubeScreen(videoId = "4xyRnIntwTo")
            }

        }
    }
}

@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 DefaultPreview() {

}
```
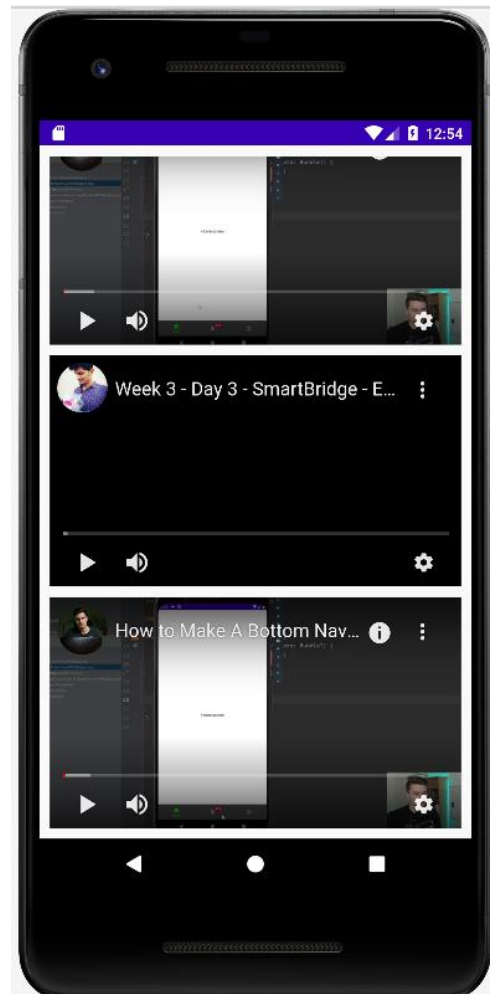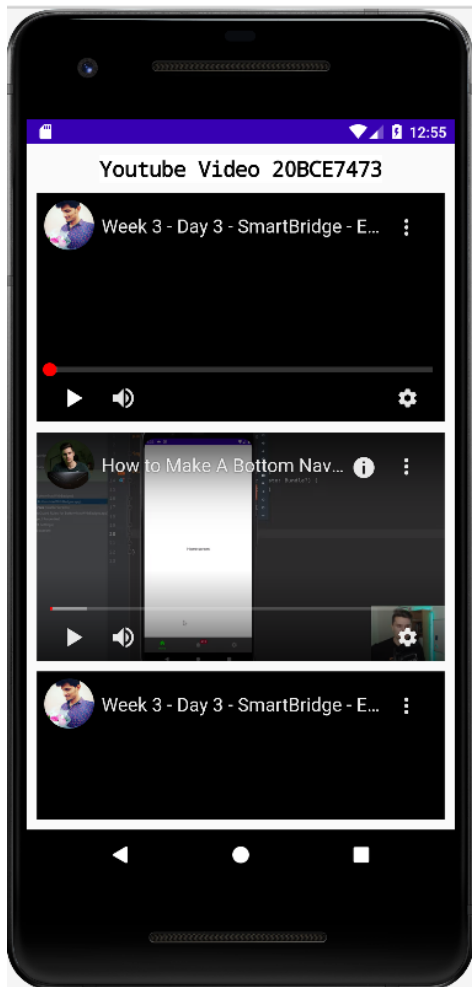
Manifest:

```xml
<uses-permission android:name="android.permission.INTERNET"/>
```

Gradle:

```
implementation "com.pierfrancescosoffritti.androidyoutubeplayer:core:11.1.0"
```

Output:

Thank You !!

Instructor: K P Ranjith.