**Assignment**

**Week-3**

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Google Drive Link for Demo Video:  
[**https://drive.google.com/file/d/1YtupGkF8ueMLcSl5PFvUL6HGnPIIbcGm/view?usp=drive\_link**](https://drive.google.com/file/d/1YtupGkF8ueMLcSl5PFvUL6HGnPIIbcGm/view?usp=drive_link)

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*)  
 }  
 }  
 }  
 }  
}  
  
@Composable  
fun Greeting(contxt: 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(contxt,MainActivity1::class.*java*)  
 mine.setFlags(Intent.*FLAG\_ACTIVITY\_NEW\_TASK*);  
 contxt.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(contxt,MainActivity2::class.*java*)  
 mine2.setFlags(Intent.*FLAG\_ACTIVITY\_NEW\_TASK*);  
 contxt.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(contxt,MainActivity3::class.*java*)  
 mine3.setFlags(Intent.*FLAG\_ACTIVITY\_NEW\_TASK*);  
 contxt.startActivity(mine3)  
 }) {  
 Text(text = "Click Here To Watch This Video")  
 }  
  
  
 Image(  
 painterResource(id = R.drawable.*fourth*),  
 contentDescription = "",  
 modifier = Modifier.*size*(600.*dp*,300.*dp*)  
 )  
 Button(onClick = {  
 var mine4 = Intent(contxt,MainActivity4::class.*java*)  
 mine4.setFlags(Intent.*FLAG\_ACTIVITY\_NEW\_TASK*);  
 contxt.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(contxt,MainActivity5::class.*java*)  
 mine5.setFlags(Intent.*FLAG\_ACTIVITY\_NEW\_TASK*);  
 contxt.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  
 })  
}