

# ASSIGNMENT 3

## MAIN ACTIVITY CODE:

```
package com.example.appintern

import android.os.Bundle
import android.util.Log
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            simpleTextPreview()
        }
    }
}
```

## Login Page CODE:

```
package com.example.appintern

import android.content.Intent
import android.net.Uri
import android.widget.Toast
import androidx.compose.foundation.Image
import androidx.compose.foundation.layout.Arrangement
import androidx.compose.foundation.layout.Column
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.padding
import androidx.compose.material3.Button
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.Surface
import androidx.compose.material3.Text
import androidx.compose.material3.TextField
import androidx.compose.runtime.Composable
import androidx.compose.runtime.getValue
import androidx.compose.runtime.mutableStateOf
import androidx.compose.runtime.remember
import androidx.compose.runtime.setValue
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.layout.ContentScale
import androidx.compose.foundation.layout.Row
```

```
import androidx.compose.foundation.layout.fillMaxWidth
import androidx.compose.foundation.layout.height
import androidx.compose.foundation.layout.size
import androidx.compose.foundation.layout.width
import androidx.compose.foundation.shape.CircleShape
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.material3.ButtonDefaults
import androidx.compose.ui.graphics.ColorFilter
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.font.FontStyle
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp

@Composable
fun simpleText(input: String) {

    Text(
        text = input, modifier = Modifier.padding(16.dp),
        style = MaterialTheme.typography.titleMedium,
        fontStyle = FontStyle.Italic,
        color = Color.White
    )
}

@Composable
fun simpleText2(input: String) {
    val context = LocalContext.current

    Text(
        text = input, modifier = Modifier.padding(16.dp),
        style = MaterialTheme.typography.titleMedium,
        fontStyle = FontStyle.Italic,
        color = Color.White,
    )
    Column(modifier = Modifier.fillMaxWidth(), Arrangement.SpaceAround,
    Alignment.CenterHorizontally) {
        Row(modifier = Modifier.padding(16.dp).fillMaxWidth(),
    Arrangement.SpaceAround) {
            Button(
                onClick = {

                    val url = "https://www.facebook.com/"
                    val intent = Intent(Intent.ACTION_VIEW, Uri.parse(url))
                    context.startActivity(intent)
                },
                shape = CircleShape,
                modifier = Modifier
                    .width(120.dp)
                    .height(60.dp),
                colors = ButtonDefaults.buttonColors(Color.Black)
            ) {
                Text(text = "FaceBook")
            }
        }
    }
}
```

```
    }  
    Button(  
        onClick = {  
            val url = "https://www.google.co.in/"  
            val intent = Intent(Intent.ACTION_VIEW, Uri.parse(url))  
            context.startActivity(intent)  
        },  
        shape = CircleShape,  
        modifier = Modifier  
            .width(120.dp)  
            .height(60.dp),  
        colors = ButtonDefaults.buttonColors(Color.Black)  
    ) {  
        Text(text = "Google")  
    }  
}  
Row(Modifier.padding(16.dp).fillMaxWidth(), Arrangement.SpaceAround)  
{  
    Button(  
        onClick = {  
            val url =  
"https://twitter.com/i/flow/login?input_flow_data=%7B%22requested_variant%22%  
3A%22eyJ3Y5nIjoizW4ifQ%3D%3D%22%7D"  
            val intent = Intent(Intent.ACTION_VIEW, Uri.parse(url))  
            context.startActivity(intent)  
        },  
        shape = CircleShape,  
        modifier = Modifier  
            .width(120.dp)  
            .height(60.dp),  
        colors = ButtonDefaults.buttonColors(Color.Black)  
    ) {  
        Text(text = "Twitter")  
    }  
    Button(  
        onClick = {  
            val url =  
"https://www.amazon.in/?&ext_vrnc=hi&tag=googhydrabk1-  
21&ref=pd_sl_7hz2t19t5c_e&adgrpid=58355126069&hvpone=&hvptwo=&hvadid=61064460  
1173&hvpos=&hvnetw=g&hvrnd=1184883858169211060&hvqmt=e&hvdev=c&hvdvcmdl=&hvl  
ocint=&hvlocphy=9150980&hvtargid=kwd-10573980&hydadcr=14453_2316415"  
            val intent = Intent(Intent.ACTION_VIEW, Uri.parse(url))  
            context.startActivity(intent)  
        },  
        shape = CircleShape,  
        modifier = Modifier  
            .width(120.dp)  
            .height(60.dp),  
        colors = ButtonDefaults.buttonColors(Color.Black)  
    ) {  
        Text(text = "Amazon")  
    }  
}
```

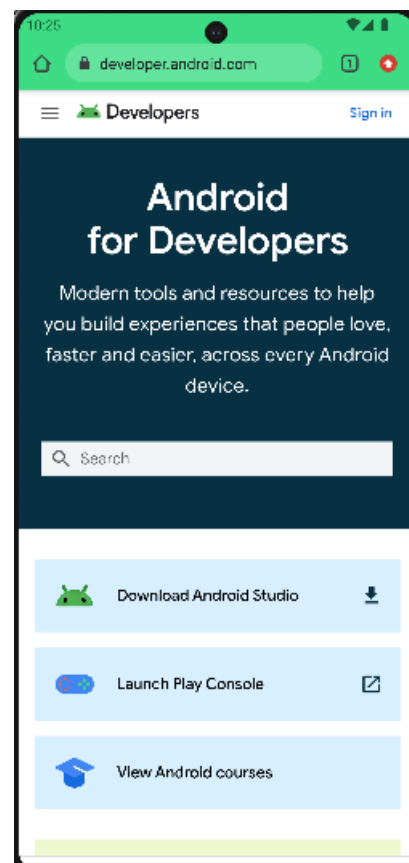
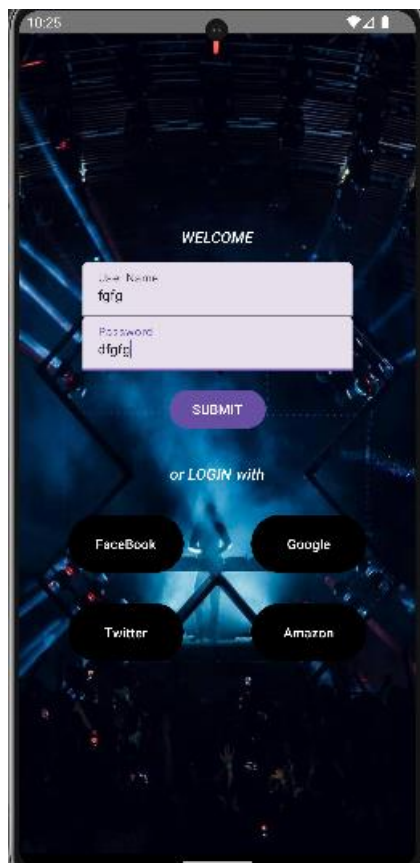
```
    }  
    }  
}  
  
@OptIn(ExperimentalMaterial3Api::class)  
@Composable  
fun simpleTextField() {  
  
    var text1 by remember { mutableStateOf("") }  
    var text2 by remember { mutableStateOf("") }  
    Column {  
        TextField(  
            value = text1,  
            onValueChange = { it -> text1 = it },  
            label = { Text(text = "User Name") })  
        TextField(value = text2,  
            onValueChange = { it -> text2 = it },  
            label = { Text(text = "Password") })  
    }  
  
    val context = LocalContext.current  
  
    Button(modifier = Modifier.padding(16.dp), onClick = {  
  
        if (text1.isNotEmpty() && text2.isNotEmpty()) {  
            val url = "https://developer.android.com/"  
            val intent = Intent(Intent.ACTION_VIEW, Uri.parse(url))  
            context.startActivity(intent)  
        } else {  
  
            Toast.makeText(context, "Please enter the user ID and password",  
Toast.LENGTH_SHORT)  
                .show()  
        }  
    }) {  
        Text(text = "SUBMIT")  
    }  
}  
  
@Preview(showSystemUi = true)  
@Composable  
fun simpleTextPreview() {  
    Surface(modifier = Modifier.fillMaxSize()) {  
        Image(  
            painter = painterResource(id = R.drawable.bg),  
            contentDescription = "",  
            contentScale = ContentScale.FillBounds  
        )  
  
    }  
    Column(  
        modifier = Modifier.fillMaxSize(),
```

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```
horizontalAlignment = Alignment.CenterHorizontally,  
verticalArrangement = Arrangement.Center  
) {  
    simpleText("WELCOME")  
  
    simpleTextField()  
  
    simpleText2("or LOGIN with")  
}  
}
```

Output:

[VIDEO LINK](#)



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