

LOGIN FORM

Code:

```
package main.example.loginform
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.layout.Arrangement
import androidx.compose.foundation.layout.Column
import androidx.compose.foundation.layout.Spacer
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.height
import androidx.compose.foundation.layout.padding
import androidx.compose.material3.Button
import androidx.compose.material3.ExperimentalMaterial3Api
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.text.TextStyle
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp

class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            Column(modifier = Modifier.fillMaxSize(),
                horizontalAlignment = Alignment.CenterHorizontally) {
                simpleText()
                simpleForm()
                Column(modifier = Modifier.fillMaxSize(1f)
,verticalArrangement = Arrangement.Bottom, horizontalAlignment =
Alignment.CenterHorizontally) {
                    simpleButton()
                }
            }
        }
    }
}

@Composable
fun simpleText() {

    Text(text = "Login Form", modifier = Modifier.padding(16.dp),
        style = TextStyle(fontSize = 42.sp)
    )
}

@OptIn(ExperimentalMaterial3Api::class)
@Composable
```

```

fun simpleTextField() {
    var text by remember { mutableStateOf("") }
    TextField(value = text , onChange = {it -> text = it }, label = {
Text(text = "User Name")})
}

@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun simpleTextFieIdp() {
    var text by remember { mutableStateOf("") }
    TextField(value = text , onChange = {it -> text = it }, label = {
Text(text = "Password")})
}

@Composable
fun simpleForm() {
    Column {
        simpleTextField()
        Spacer(modifier = Modifier.height(8.dp)) // Adding space
        simpleTextFieIdp()
    }
}

@Composable
fun simpleButton() {
    Button(modifier = Modifier.padding(16.dp), onClick = { /*TODO*/ }) {
        Text(text = "LOGIN")
    }
}

@Preview
@Composable
fun simpleTextPreview() {
    Column(modifier = Modifier.fillMaxSize(), horizontalAlignment =
Alignment.CenterHorizontally) {
        simpleText()

        simpleForm()
        Spacer(modifier = Modifier.height(16.dp))

        Column(modifier = Modifier.fillMaxSize(1f) ,verticalArrangement =
Arrangement.Bottom, horizontalAlignment = Alignment.CenterHorizontally) {
            simpleButton()
        }
    }
}

```

Preview:

