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package com.example.myapplicationcwh

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.fillMaxSize
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

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

@Composable
fun login(){

    Text(text = "Login", modifier = Modifier.padding(16.dp),
        style = TextStyle.Default
    )
    ;
}

@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun userName() {

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

@OptIn(ExperimentalMaterial3Api::class)

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@Composable
fun password() {

    var text by remember { mutableStateOf("") }
    TextField(value = text , onValueChange = {it -> text = it }, label =
{ Text(text = "Password")})
}

@Composable
fun simpleButton() {

    Button(modifier = Modifier.padding(16.dp), onClick = { /*TODO*/ }) {
        Text(text = "SUBMIT")
    }

}

@Preview(showBackground = true)
@Composable
fun GreetingPreview() {
    Column(modifier = Modifier.fillMaxSize(), horizontalAlignment =
Alignment.CenterHorizontally) {
        login()

        userName()
        password()

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

```

