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ASSIGNMENT-1

CODE:

```kotlin
package com.example.myapplication

import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.background
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.fillMaxWidth
import androidx.compose.foundation.layout.padding
import androidx.compose.material3.Button
import androidx.compose.material3.Card
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.OutlinedTextField
import androidx.compose.material3.Surface
import androidx.compose.material3.Text
import androidx.compose.material3.TextField
import androidx.compose.runtime.Composable
import androidx.compose.runtime.mutableStateOf
import androidx.compose.runtime.*
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.layout.VerticalAlignmentLine
import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.text.font.FontStyle
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.compose.foundation.layout.*
import androidx.compose.foundation.shape.RoundedCornerShape
import com.example.myapplication.ui.theme.MyApplicationTheme
import org.intellij.lang.annotations.JdkConstants.HorizontalAlignment

@ExperimentalMaterial3Api
class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            @Composable
            fun LoginText() {
                Column(
                    modifier = Modifier
```

```kotlin
        .fillMaxSize()
        .background(Color.White),
    horizontalAlignment = Alignment.CenterHorizontally,
    verticalArrangement = Arrangement.Center
) {


    Text(
        text = "The Login Page",
        modifier = Modifier
            .padding(vertical = 10.dp)
            .align(Alignment.CenterHorizontally),
        style = TextStyle(
            fontSize = 35.sp
        )
    )
    Spacer(modifier = Modifier.padding(10.dp))

    var email by remember {
        mutableStateOf("email")
    }
    OutlinedTextField(
        value = email,
        label = {
            Text(text = "Enter the email")
        },
        onValueChange = {
            email = it
        }, modifier = Modifier
            .padding(horizontal = 15.dp)
            .fillMaxWidth()
    )


    var password by remember {
        mutableStateOf("password")
    }
    OutlinedTextField(
        value = password,
        onValueChange = {
            password = it
        },
        label = {
            Text(text = "Enter the password")
        }, modifier = Modifier
            .padding(horizontal = 15.dp)
            .fillMaxWidth()
    )



    Button(
        onClick = { /*TODO*/ },
        modifier = Modifier
            .fillMaxWidth()
            .align(Alignment.CenterHorizontally)
            .padding(horizontal = 15.dp, vertical = 25.dp)
    ) {
        Text(text = "Log In")

    }
```

```kotlin
                }
            }
            LoginText()

        }
    }
}


@Composable
fun Greeting(name: String, modifier: Modifier = Modifier) {
    Text(
        text = "Hello $name!",
        modifier = modifier
    )
}


@Preview(showBackground = true)
@Composable
fun GreetingPreview() {
    MyApplicationTheme {
        Greeting("Android")
    }
}
```

RESULT: