

Student Name: SAKSHAM SAXENA

Registration Number: 21BCE11103

VIT Campus: Bhopal

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## SIMPLE LOGIN PAGE

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### MAIN CODE--

```
package com.example.loginpage

import android.graphics.ColorFilter
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
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.foundation.text.KeyboardOptions
import androidx.compose.material3.Button
import androidx.compose.material3.ColorScheme
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.res.painterResource
import androidx.compose.ui.text.input.ImeAction
import androidx.compose.ui.text.input.KeyboardType
import androidx.compose.ui.unit.dp
import com.example.loginpage.ui.theme.LoginPageTheme
```

```

class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(
            Surface(
                modifier = Modifier.fillMaxSize(),
                color = Color.LightGray
            ){
                MyAppContent()
            }
        )
    }
}

@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun MyAppContent() {
    Column(
        modifier = Modifier.fillMaxSize(), verticalArrangement =
Arrangement.Center,
        horizontalAlignment = Alignment.CenterHorizontally ) {
        var username by remember { mutableStateOf("") }
        var password by remember { mutableStateOf("") }
        // val Default: KeyboardOptions

        Text(text = "Username", modifier = Modifier.padding(16.dp))
        TextField(
            value = username,
            onChange = { setUsername ->
                username = setUsername },
            leadingIcon = {
                Image(
                    painter = painterResource(id =
android.R.drawable.star_big_on),
                    contentDescription = "Star Icon")),
            label = {
                Text(text = "Enter your username")}
        )

        Text(text = "Password", modifier = Modifier.padding(16.dp))
        TextField(
            value = password,
            onChange = { newPassword -> password = newPassword },
            keyboardOptions = KeyboardOptions(
                keyboardType = KeyboardType.Password,
                imeAction = ImeAction.Done),
            placeholder = {
                Text(text = "Enter Password")}
        )
        Button(onClick = { /*TODO*/ }) {
            Text(text = "Login")
        }
    }
}

```

## OUTPUT—

