**Week-1**

**Name:** Vipul Anand

**Reg No.:** 20BCE10296

**Code:**

package com.example.loginui  
  
import android.os.Bundle  
import androidx.activity.ComponentActivity  
import androidx.activity.compose.setContent  
import androidx.compose.foundation.Image  
import androidx.compose.foundation.background  
import androidx.compose.foundation.layout.Arrangement  
import androidx.compose.foundation.layout.Column  
import androidx.compose.foundation.layout.Row  
import androidx.compose.foundation.layout.fillMaxSize  
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.material3.TextFieldDefaults  
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.PasswordVisualTransformation  
import androidx.compose.ui.text.input.TextFieldValue  
import androidx.compose.ui.tooling.preview.Preview  
import androidx.compose.ui.unit.sp  
import com.example.loginui.ui.theme.LoginuiTheme  
import kotlin.reflect.typeOf  
  
class MainActivity : ComponentActivity() {  
 @OptIn(ExperimentalMaterial3Api::class)  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 *setContent* **{** Column(verticalArrangement = Arrangement.Center,  
 horizontalAlignment = Alignment.CenterHorizontally,  
 modifier = Modifier  
 .*fillMaxSize*()  
 .*background*(color = Color.White)) **{** Image(painterResource(id= R.drawable.*google*) , contentDescription = " ")  
 Text(text = "Enter username", faontSize = 30.*sp*, color = Color.Black,)  
 var text by remember **{** *mutableStateOf*(TextFieldValue(""))**}** TextField(value = text, onValueChange = **{** newText**->** text = newText  
 **}** )  
 Text(text = "Enter Password", fontSize = 30.*sp*, color = Color.Black)  
 var text1 by remember **{** *mutableStateOf*(TextFieldValue(""))**}** TextField(value = text1, onValueChange = **{** newText1**->** text1 = newText1  
 **}** , visualTransformation = PasswordVisualTransformation())  
 Row() **{** Button(onClick = **{** */\*TODO\*/* **}**) **{** Text(text = "Submit")  
 **}** Button(onClick = **{** */\*TODO\*/* **}**) **{** Text(text = "Back")  
   
 **}  
   
 }  
 }  
  
 }** }  
 }

**Output:**

