**SMARTINTERNZ - ASSIGNMENT 1**

NAME - EESHITHA K

EMAIL - [eeshitha.21bce7050@vitapstudent.ac.in](mailto:eeshitha.21bce7050@vitapstudent.ac.in)

CONTACT NUMBER - 8712280719

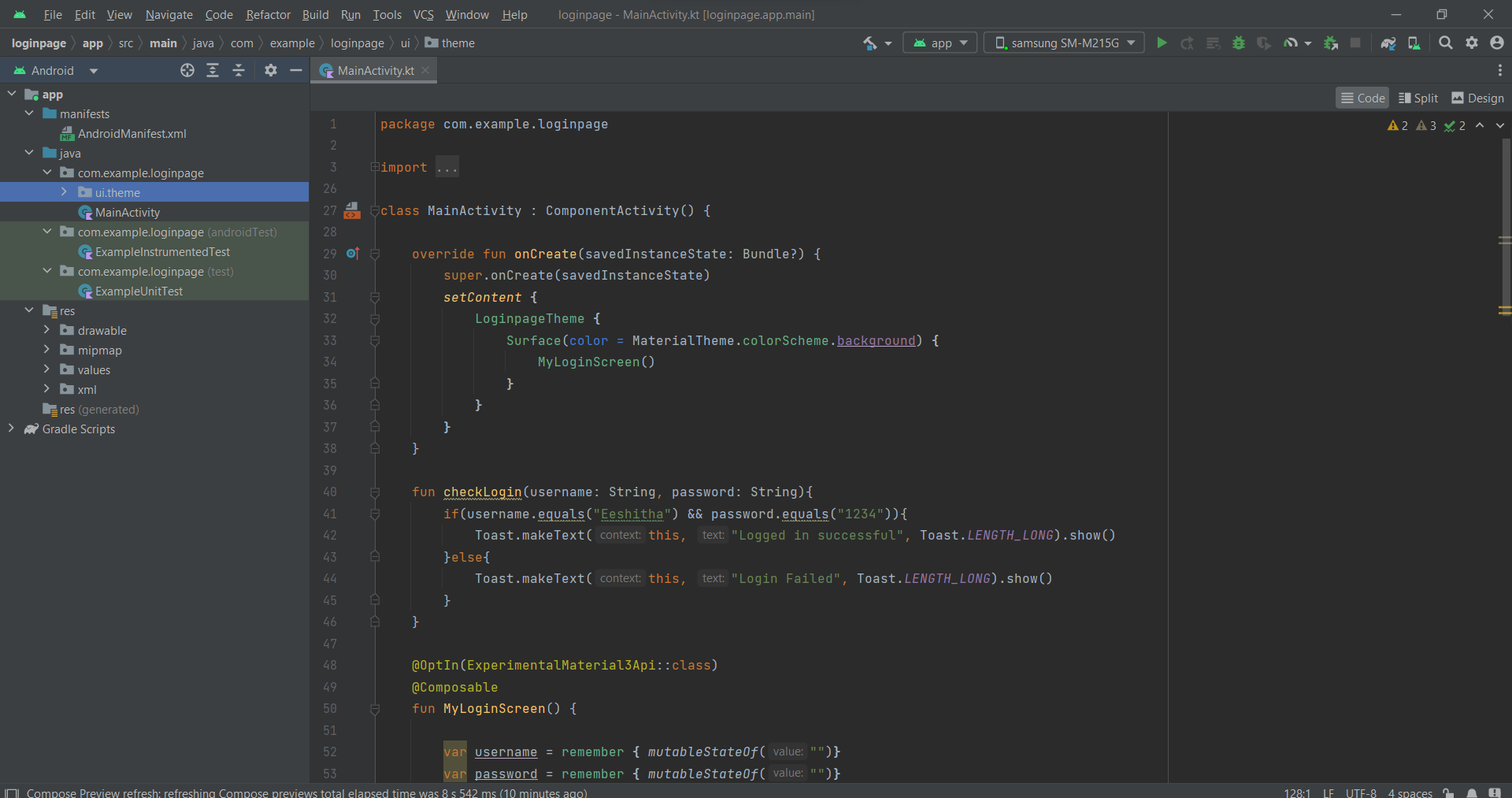
BRANCH - COMPUTER SCIENCE CORE

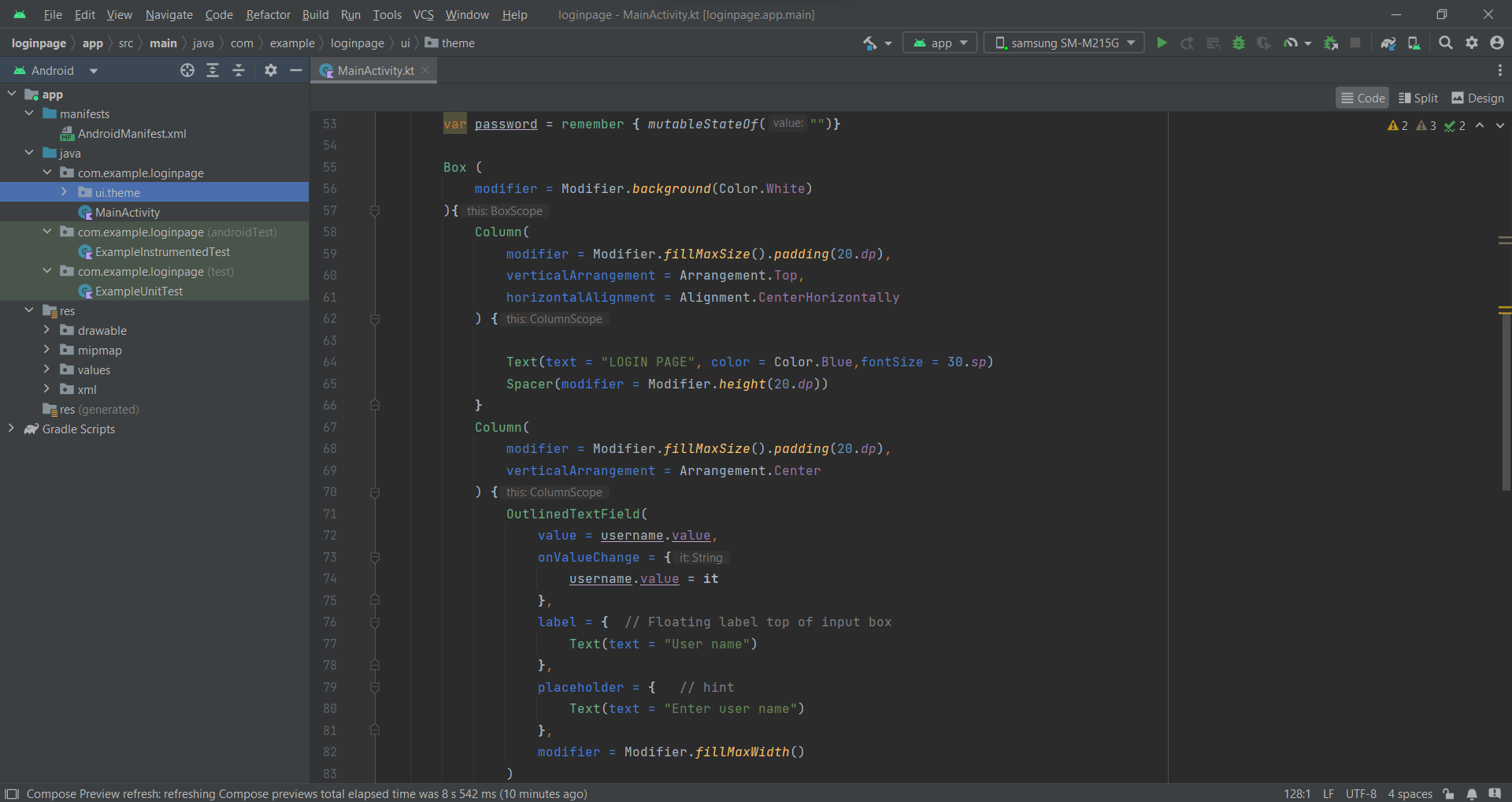
CAMPUS - VIT AP

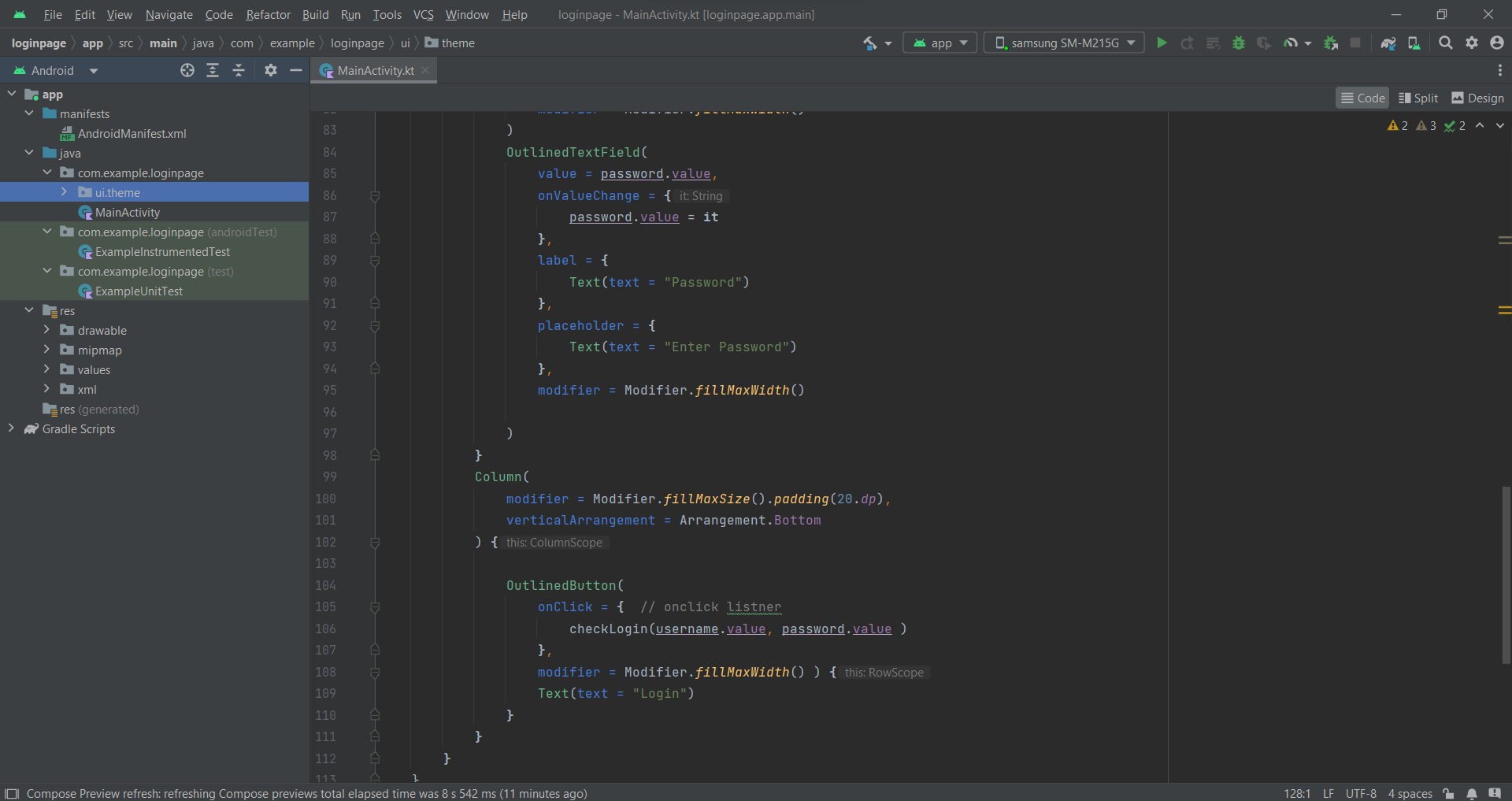
**LOGIN PAGE**

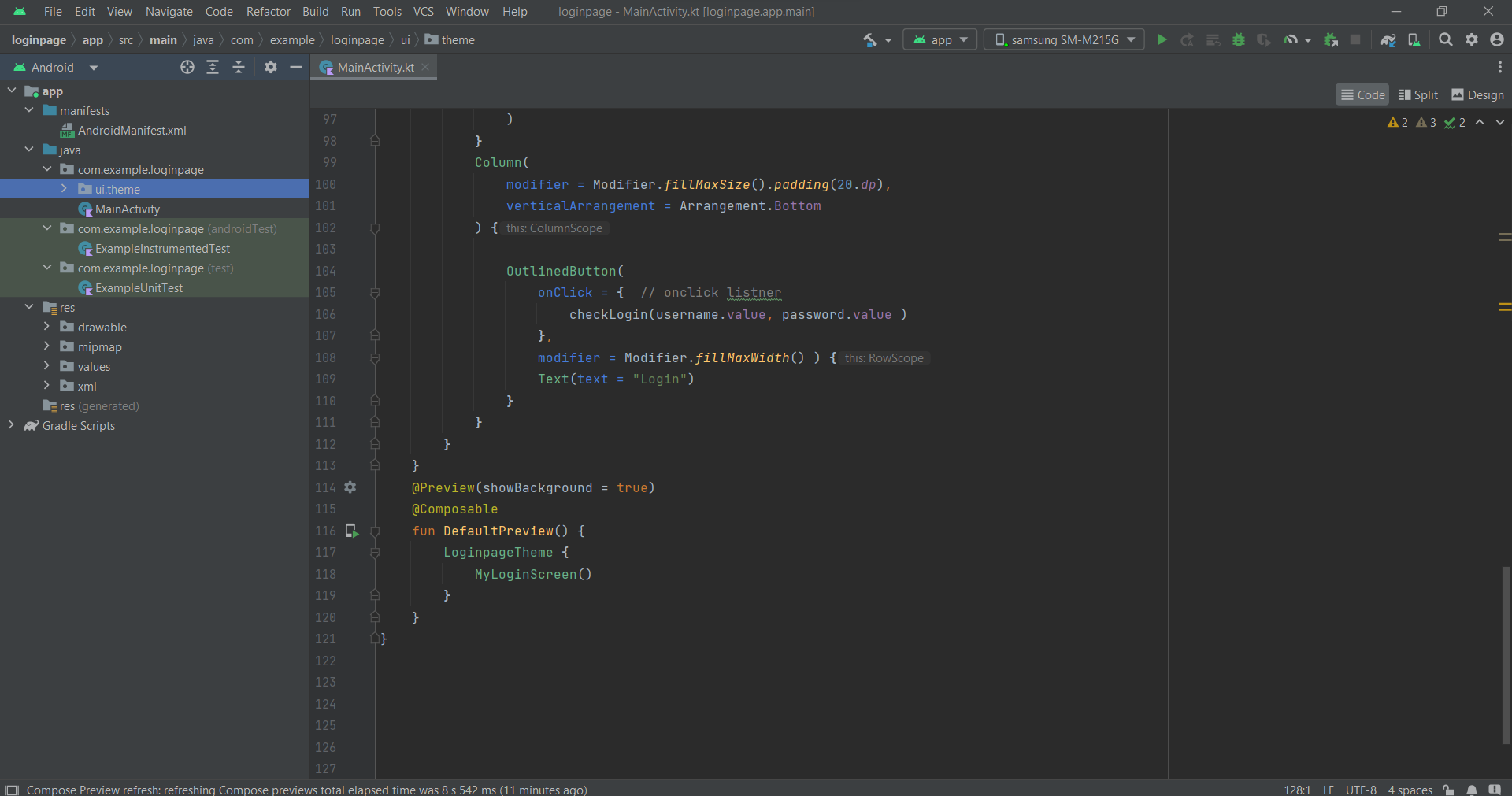
**CODE**

package com.example.loginpage  
import android.os.Bundle  
import android.widget.Toast  
import androidx.activity.ComponentActivity  
import androidx.activity.compose.setContent  
import androidx.compose.foundation.background  
import androidx.compose.foundation.layout.\*  
import androidx.compose.material.\*  
import androidx.compose.material3.ExperimentalMaterial3Api  
import androidx.compose.material3.MaterialTheme  
import androidx.compose.material3.OutlinedButton  
import androidx.compose.material3.OutlinedTextField  
import androidx.compose.material3.Surface  
import androidx.compose.material3.Text  
import androidx.compose.runtime.Composable  
import androidx.compose.runtime.mutableStateOf  
import androidx.compose.runtime.remember  
import androidx.compose.ui.Alignment  
import androidx.compose.ui.Modifier  
import androidx.compose.ui.graphics.Color  
import androidx.compose.ui.tooling.preview.Preview  
import androidx.compose.ui.unit.dp  
import androidx.compose.ui.unit.sp  
import com.example.loginpage.ui.theme.LoginpageTheme  
  
class MainActivity : ComponentActivity() {  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContent {  
 LoginpageTheme {  
 Surface(color = MaterialTheme.colorScheme.background) {  
 MyLoginScreen()  
 }  
 }  
 }  
 }  
  
 fun checkLogin(username: String, password: String){  
 if(username.equals("Eeshitha") && password.equals("1234")){  
 Toast.makeText(this, "Logged in successful", Toast.LENGTH\_LONG).show()  
 }else{  
 Toast.makeText(this, "Login Failed", Toast.LENGTH\_LONG).show()  
 }  
 }  
  
 @OptIn(ExperimentalMaterial3Api::class)  
 @Composable  
 fun MyLoginScreen() {  
  
 var username = remember { mutableStateOf("")}  
 var password = remember { mutableStateOf("")}  
  
 Box (  
 modifier = Modifier.background(Color.White)  
 ){  
 Column(  
 modifier = Modifier.fillMaxSize().padding(20.dp),  
 verticalArrangement = Arrangement.Top,  
 horizontalAlignment = Alignment.CenterHorizontally  
 ) {  
  
 Text(text = "LOGIN PAGE", color = Color.Blue,fontSize = 30.sp)  
 Spacer(modifier = Modifier.height(20.dp))  
 }  
 Column(  
 modifier = Modifier.fillMaxSize().padding(20.dp),  
 verticalArrangement = Arrangement.Center  
 ) {  
 OutlinedTextField(  
 value = username.value,  
 onValueChange = {  
 username.value = it  
 },  
 label = { // Floating label top of input box  
 Text(text = "User name")  
 },  
 placeholder = { // hint  
 Text(text = "Enter user name")  
 },  
 modifier = Modifier.fillMaxWidth()  
 )  
 OutlinedTextField(  
 value = password.value,  
 onValueChange = {  
 password.value = it  
 },  
 label = {  
 Text(text = "Password")  
 },  
 placeholder = {  
 Text(text = "Enter Password")  
 },  
 modifier = Modifier.fillMaxWidth()  
  
 )  
 }  
 Column(  
 modifier = Modifier.fillMaxSize().padding(20.dp),  
 verticalArrangement = Arrangement.Bottom  
 ) {  
  
 OutlinedButton(  
 onClick = { // onclick listner  
 checkLogin(username.value, password.value )  
 },  
 modifier = Modifier.fillMaxWidth() ) {  
 Text(text = "Login")  
 }  
 }  
 }  
 }  
 @Preview(showBackground = true)  
 @Composable  
 fun DefaultPreview() {  
 LoginpageTheme {  
 MyLoginScreen()  
 }  
 }  
}









**OUTPUT**

|  |  |
| --- | --- |
| **WhatsApp Image 2023-08-30 at 12.10.57** | **WhatsApp Image 2023-08-30 at 12.10.56** |