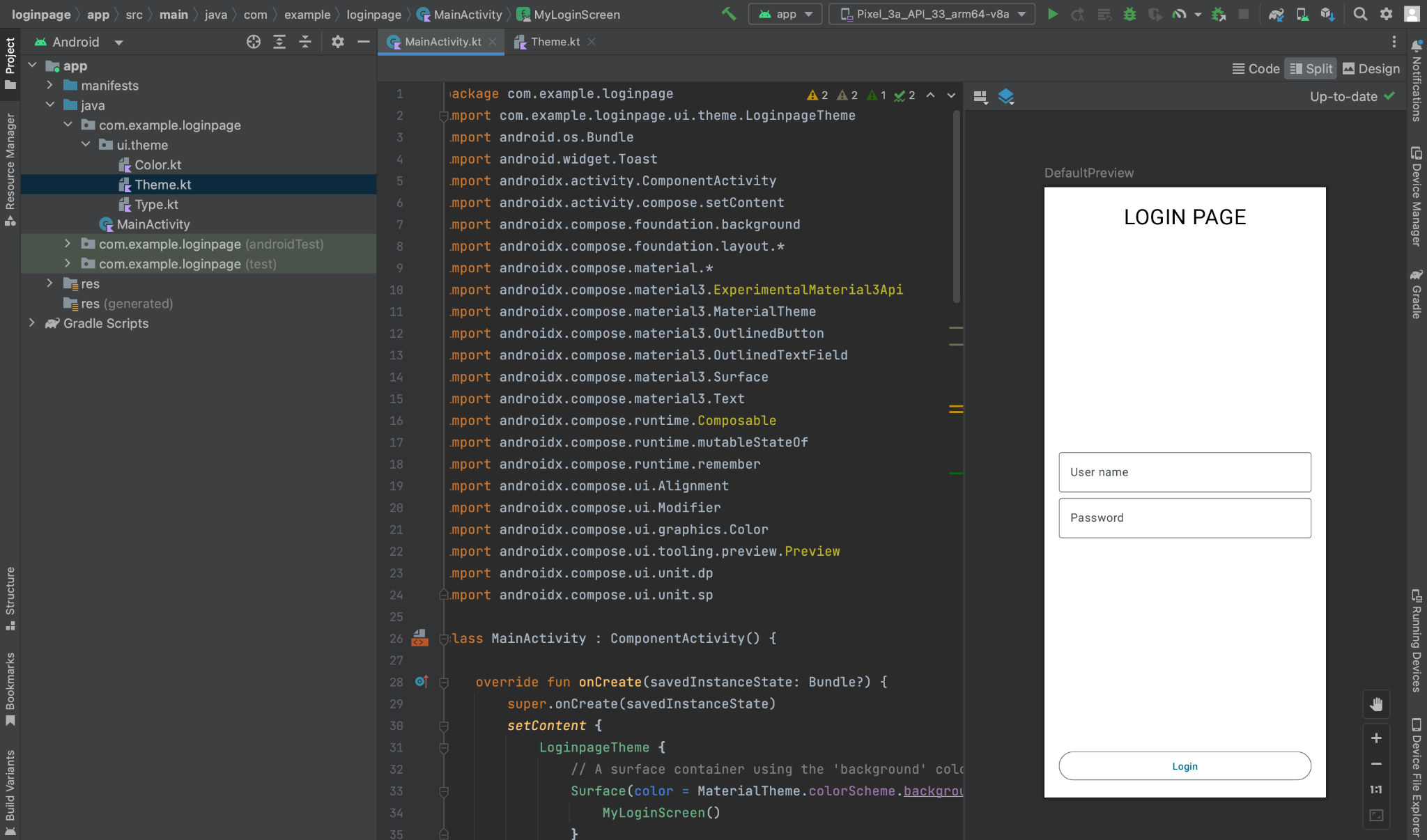
Assignment 1

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Main Activity :

package com.example.loginpage

import com.example.loginpage.ui.theme.LoginpageTheme

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

class MainActivity : ComponentActivity() {

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

setContent {

LoginpageTheme {

// A surface container using the 'background' color from the theme

Surface(color = MaterialTheme.colorScheme.background) {

MyLoginScreen()

}

}

}

}

fun checkLogin(username: String, password: String){

// Call API get response from API

// do whatever you want on response

if(username.equals("Ashritha") && password.equals("21bce8697")){

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.Black,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() {

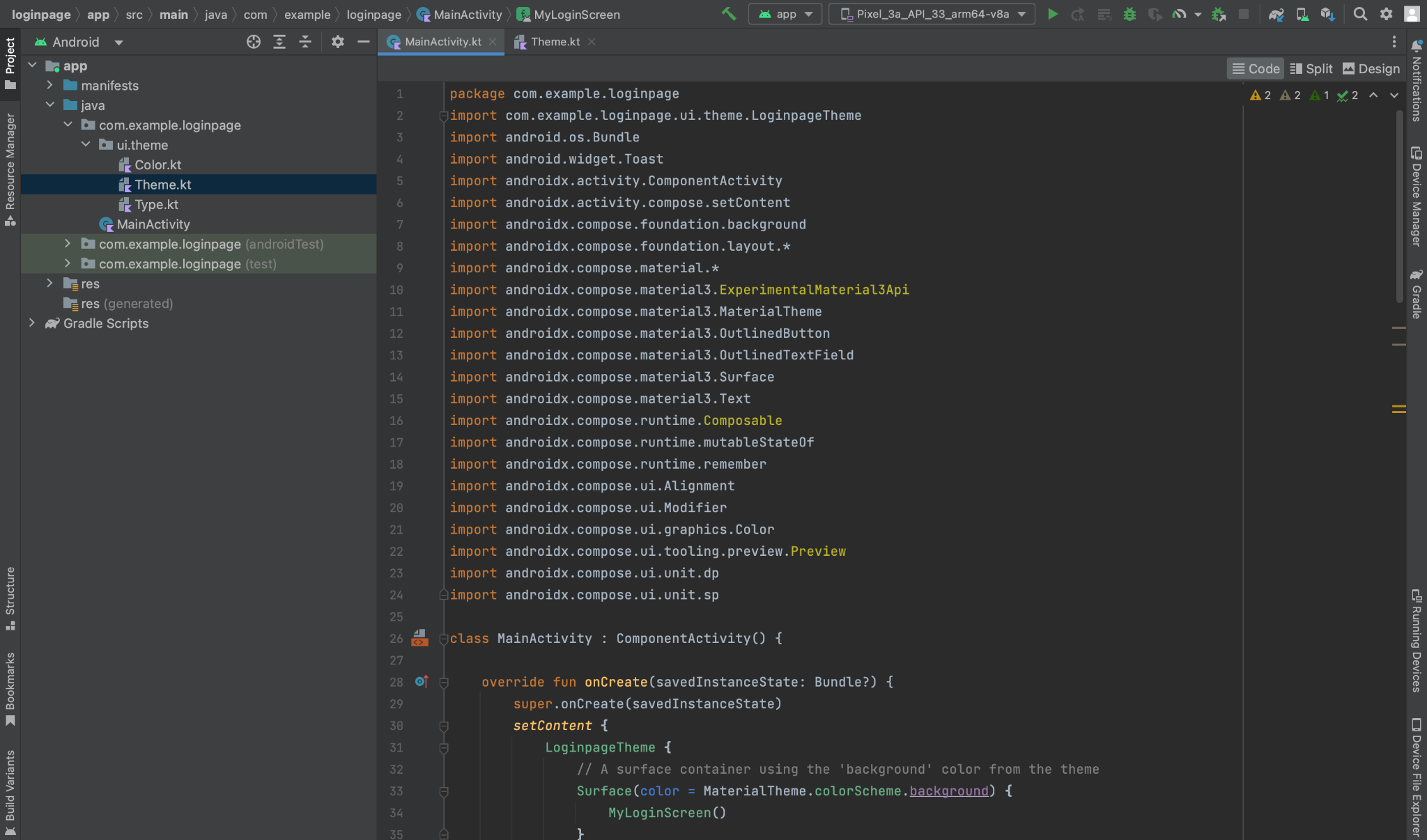
LoginpageTheme {

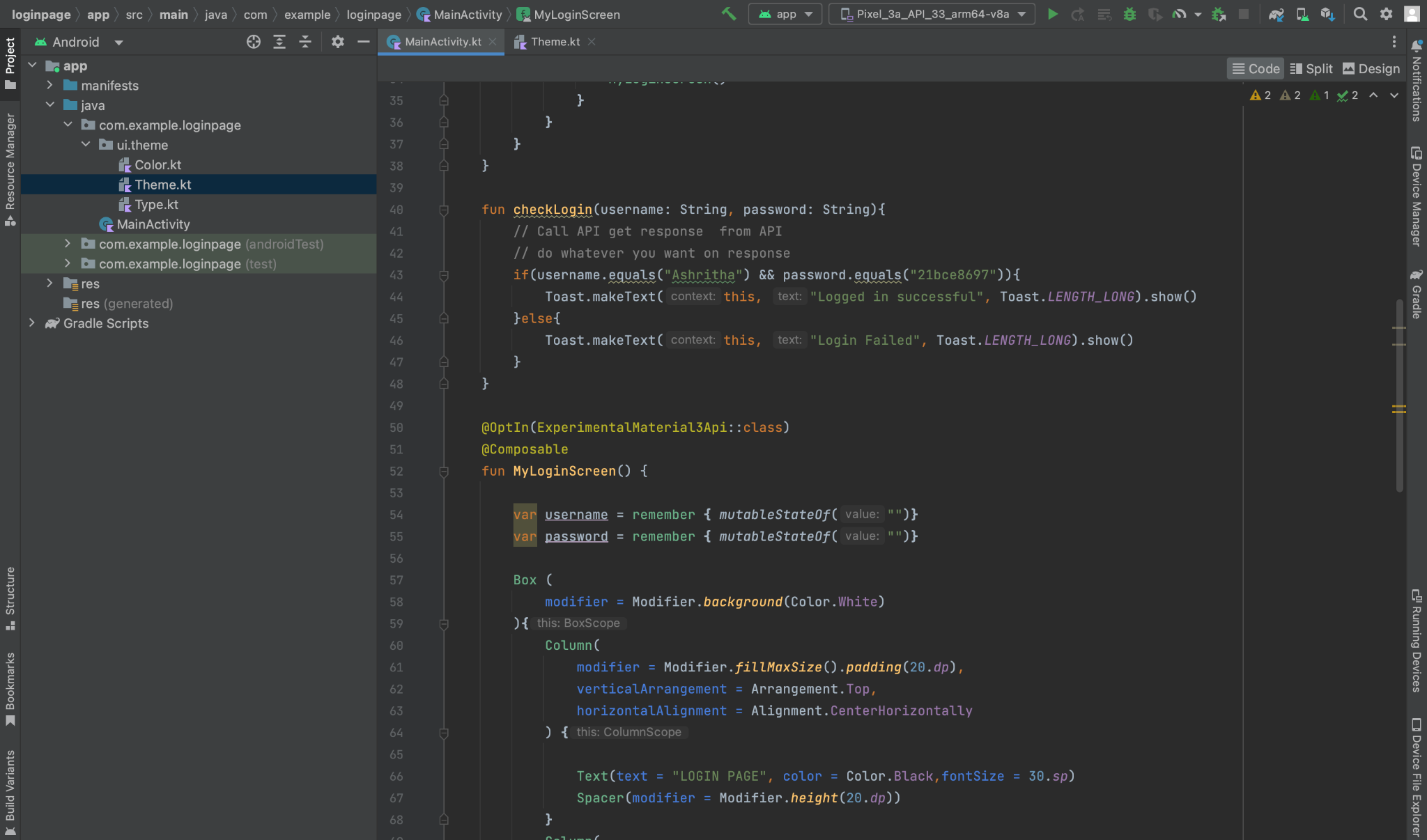
MyLoginScreen()

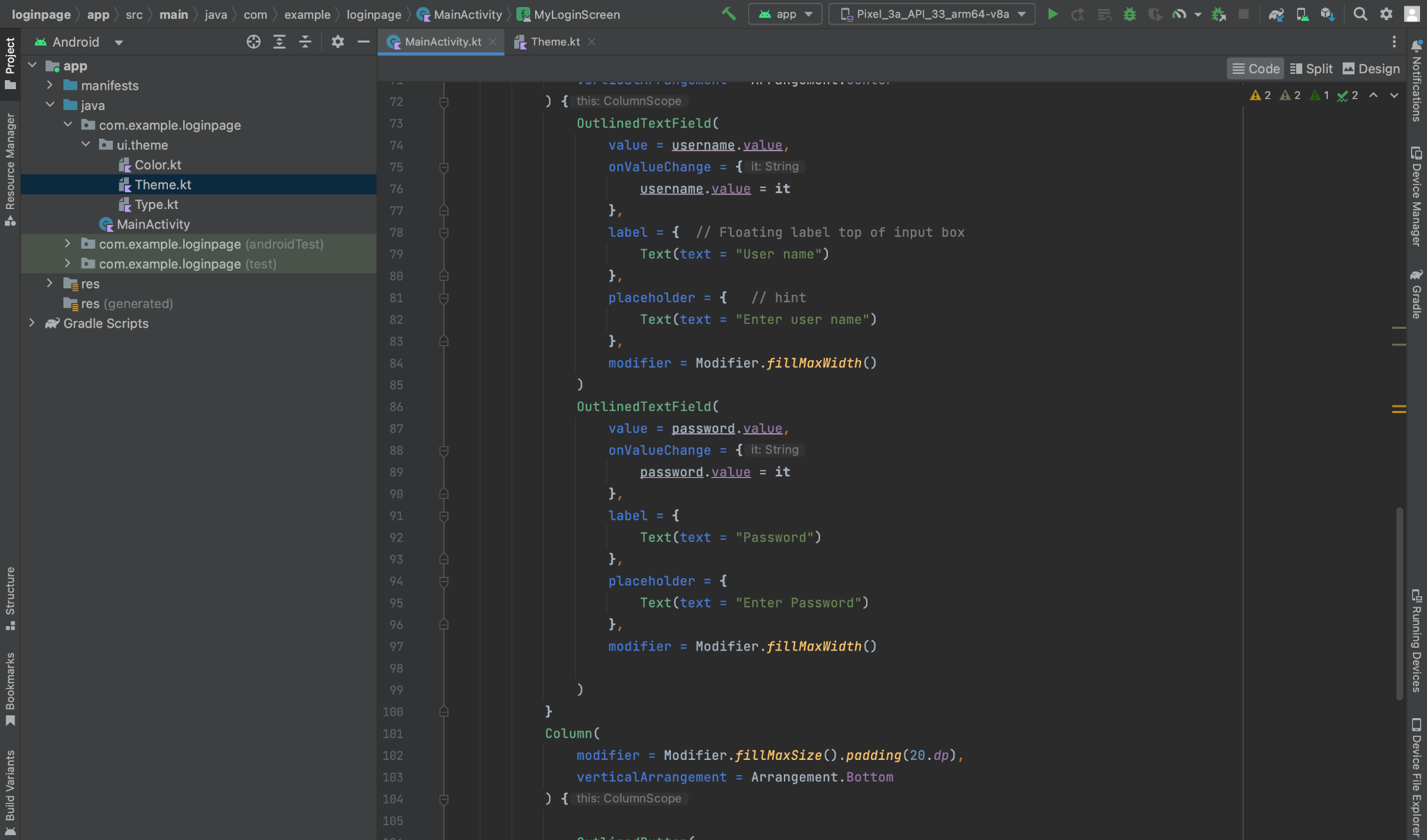
}

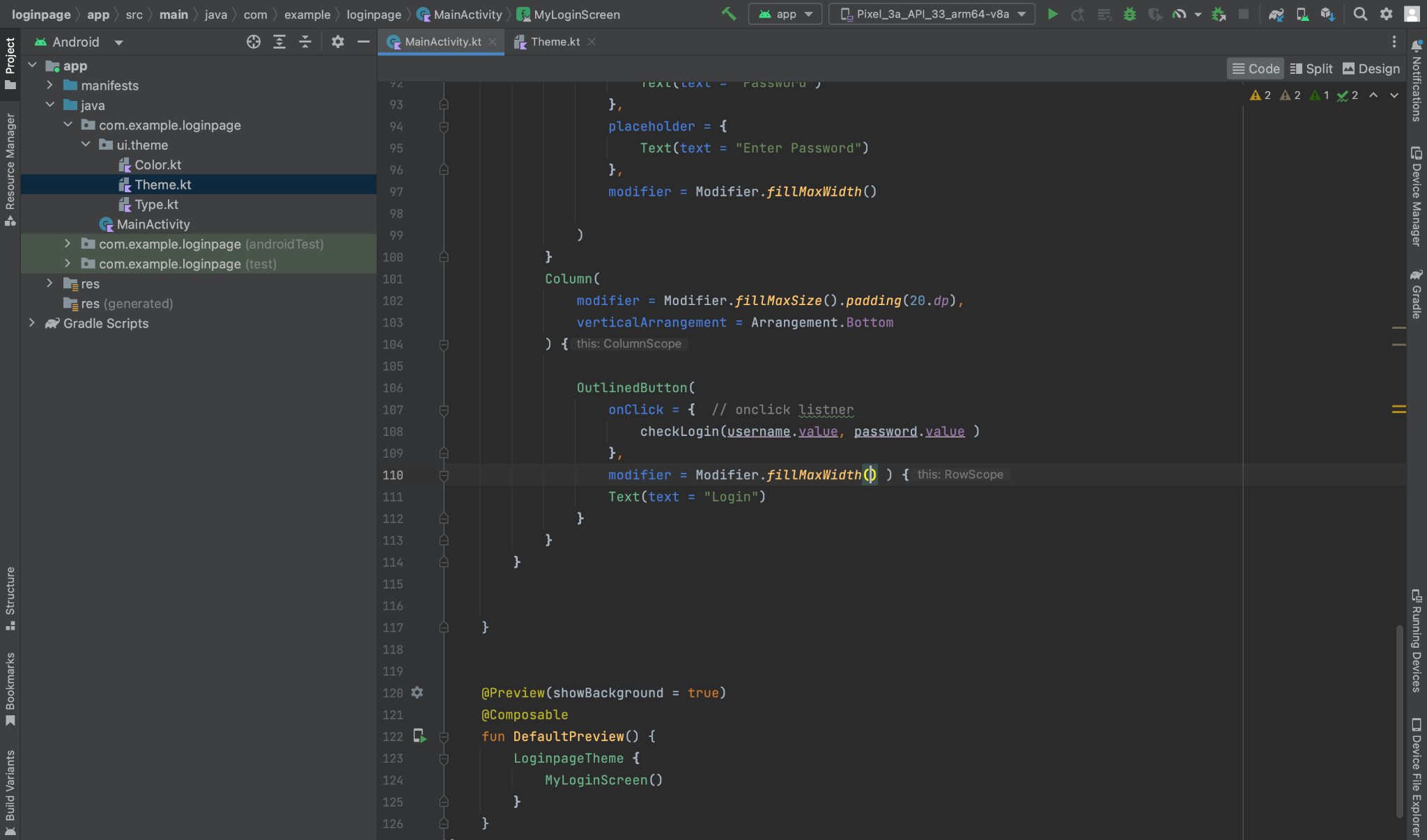
}

}









Drive link:

<https://drive.google.com/drive/folders/1B-KfFKuLVe1j2cD7P9gKPKRzTo3ysnP4?usp=sharing>