SMARTINTERNZ - ASSIGNMENT 1

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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()
                }
            }
        }
    }
```

```kotlin
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
```

```kotlin
                },
                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()
    }
}
}
```

```kotlin
        var password = remember { mutableStateOf( value "")}

        Box (
            modifier = Modifier.background(Color.White)
        ){ this BoxScope
            Column(
                modifier = Modifier.fillMaxSize().padding(20.dp),
                verticalArrangement = Arrangement.Top,
                horizontalAlignment = Alignment.CenterHorizontally
            ) { this ColumnScope

                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
            ) { this ColumnScope
                OutlinedTextField(
                    value = username.value,
                    onValueChange = { it String
                        username.value = it
                    },
                    label = {  // Floating label top of input box
                        Text(text = "User name")
                    },
                    placeholder = {   // hint
                        Text(text = "Enter user name")
                    },
                    modifier = Modifier.fillMaxWidth()
                )
```
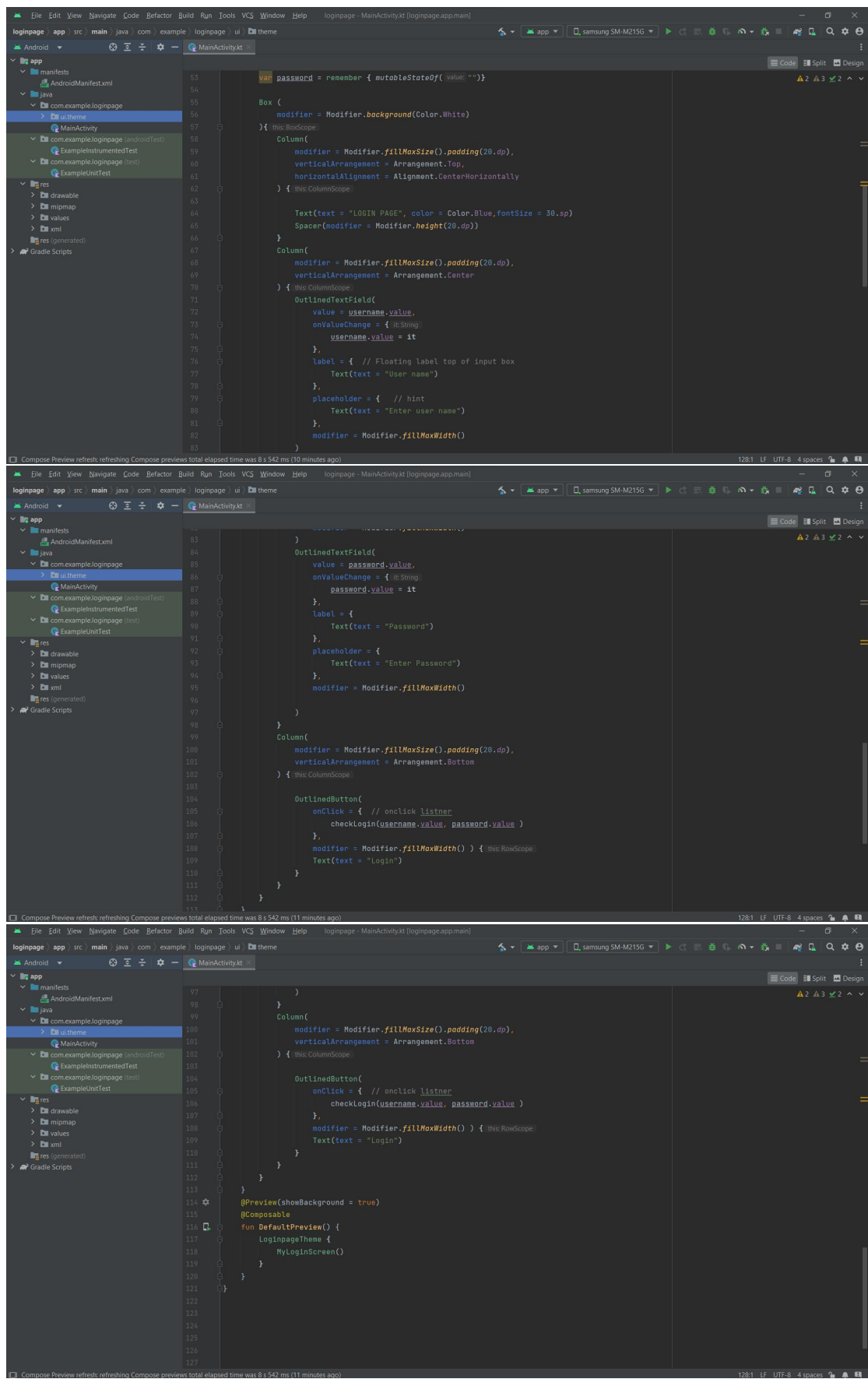
```kotlin
                )
                OutlinedTextField(
                    value = password.value,
                    onValueChange = { it String
                        password.value = it
                    },
                    label = {
                        Text(text = "Password")
                    },
                    placeholder = {
                        Text(text = "Enter Password")
                    },
                    modifier = Modifier.fillMaxWidth()
                )
            }
            Column(
                modifier = Modifier.fillMaxSize().padding(20.dp),
                verticalArrangement = Arrangement.Bottom
            ) { this ColumnScope

                OutlinedButton(
                    onClick = {  // onclick listner
                        checkLogin(username.value, password.value )
                    },
                    modifier = Modifier.fillMaxWidth() ) { this RowScope
                    Text(text = "Login")
                }
            }
        }
```

```kotlin
                )
            }
            Column(
                modifier = Modifier.fillMaxSize().padding(20.dp),
                verticalArrangement = Arrangement.Bottom
            ) { this ColumnScope

                OutlinedButton(
                    onClick = {  // onclick listner
                        checkLogin(username.value, password.value )
                    },
                    modifier = Modifier.fillMaxWidth() ) { this RowScope
                    Text(text = "Login")
                }
            }
        }
    }
}
@Preview(showBackground = true)
@Composable
fun DefaultPreview() {
    LoginpageTheme {
        MyLoginScreen()
    }
}
}
```

OUTPUT