

# ASSIGNMENT 1

## MAIN ACTIVITY PAGE

```
package com.example.appintern
```

```
import android.os.Bundle
import android.util.Log
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.Image
import androidx.compose.foundation.border
import androidx.compose.foundation.layout.Column
import androidx.compose.foundation.layout.Row
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.height
import androidx.compose.foundation.layout.padding
import androidx.compose.foundation.layout.size
import androidx.compose.foundation.layout.width
import androidx.compose.foundation.shape.CircleShape
import androidx.compose.material3.Button
import androidx.compose.material3.ButtonDefaults
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
```

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```
import androidx.compose.runtime.mutableStateOf
import androidx.compose.runtime.remember
import androidx.compose.ui.Modifier
import androidx.compose.ui.draw.clip
import androidx.compose.ui.draw.shadow
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.graphics.ColorFilter
import androidx.compose.ui.graphics.Shape
import androidx.compose.ui.layout.ContentScale
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.font.FontStyle
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.style.TextAlign
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import com.example.appintern.ui.theme.AppInternTheme
```

```
class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            simpleTextPreview()
        }
    }
}
```

## Assign\_1 (new class page for assignment)

```
package com.example.appintern
```

```
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.material3.Button
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.MaterialTheme
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.text.font.FontStyle
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
```

```
@Composable
```

```
fun simpleText() {
```

```
    Text(
```

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```
        text = "WELCOME", modifier = Modifier.padding(16.dp),  
        style = MaterialTheme.typography.titleMedium,  
        fontStyle = FontStyle.Italic  
    )  
  
}
```

@OptIn(ExperimentalMaterial3Api::class)

@Composable

fun simpleTextField() {

var text by remember { mutableStateOf("") }  
 var text2 by remember { mutableStateOf("") }

Column {

TextField(  
 value = text,  
 onChange = { it -> text = it },  
 label = { Text(text = "User Name") })  
 TextField(value = text2,  
 onChange = { it -> text2 = it },  
 label = { Text(text = "Password") })  
 }

}

@Composable

fun simpleButton() {

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```
        Button(modifier = Modifier.padding(16.dp), onClick = { /*TODO*/ }) {  
            Text(text = "SUBMIT")  
        }  
  
    }
```

```
@Preview(showSystemUi = true)  
@Composable  
fun simpleTextPreview() {  
    Column(modifier = Modifier.fillMaxSize(),  
        horizontalAlignment = Alignment.CenterHorizontally,  
        verticalArrangement = Arrangement.Center  
    ) {  
        simpleText()  
  
        simpleTextField()  
  
        simpleButton()  
    }  
}
```

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## IMAGES



