

Week 4 Lab Report

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Unit : ICT_107 Mobile App and Web Development]

Professor : Md Muhammad Rafiqul Islam

Task 1: Create and run your first Android app:

Follow these steps

Task 2: Modify the text content, font size and background colour.

Task 3: Add two more texts (At least 3 sentences).

1. Set the first `Text` composable to a `24sp` font size and `16dp` padding (start, end, bottom, and top).
2. Set the second `Text` composable to a default font size, `16dp` padding(start and end), and `Justify` text-align.
3. Set the third `Text` composable to a default font size, `16dp` padding (start, end, bottom, and top), and `Justify` text-align.
4. After you finish the implementation, your design should match this screenshot:

Code :

```
package com.example.drishti104// Update according to your package structure

import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.layout.*
import androidx.compose.material3.Text
import androidx.compose.runtime.Composable
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.compose.material3.MaterialTheme
import androidx.compose.material3.Surface

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

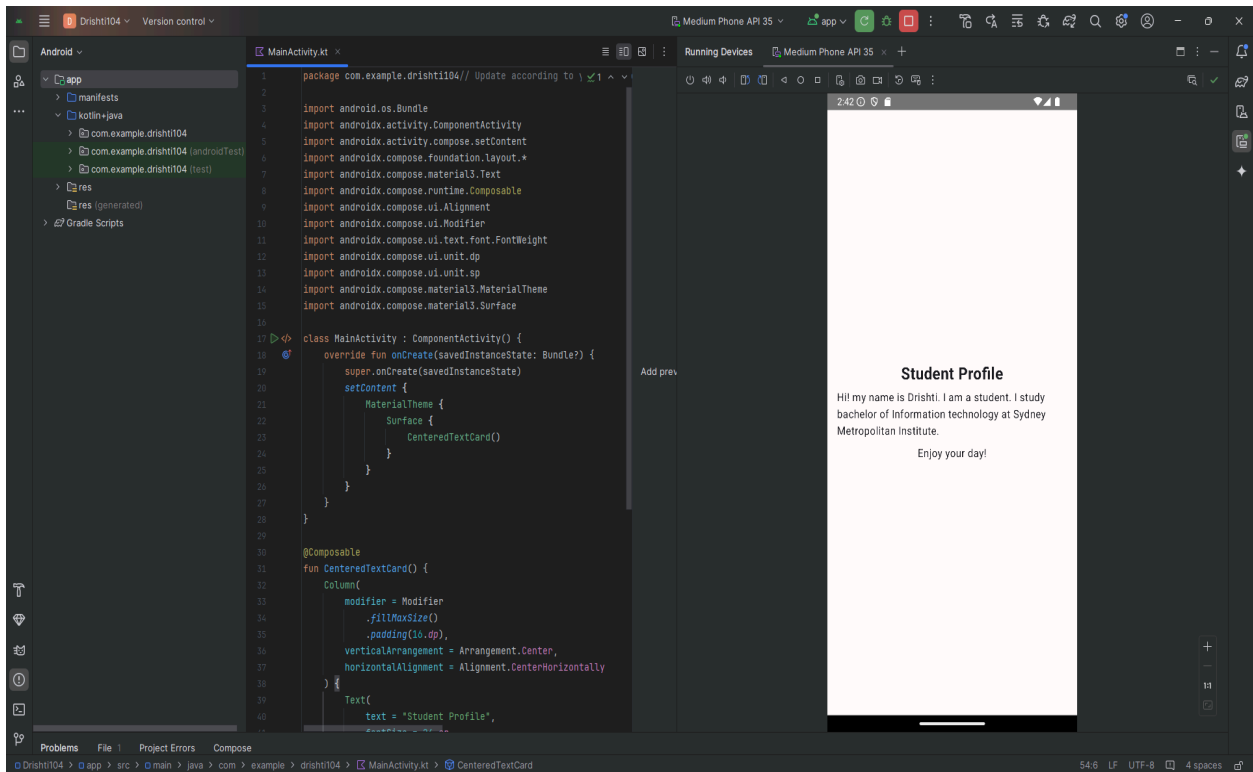
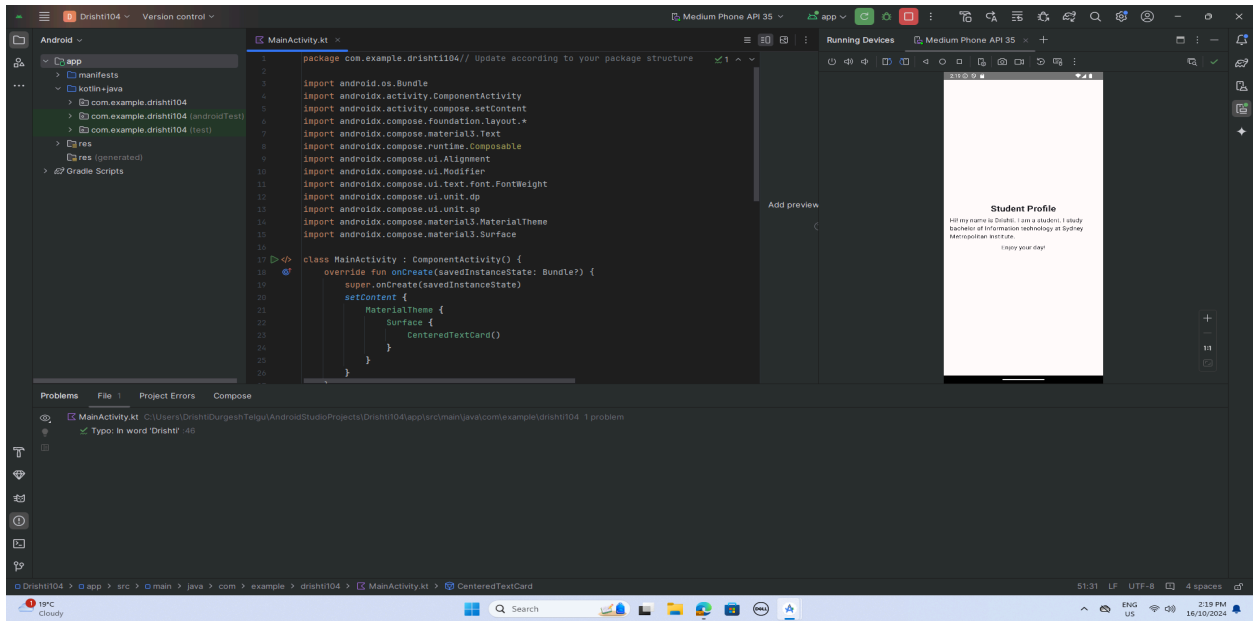
```

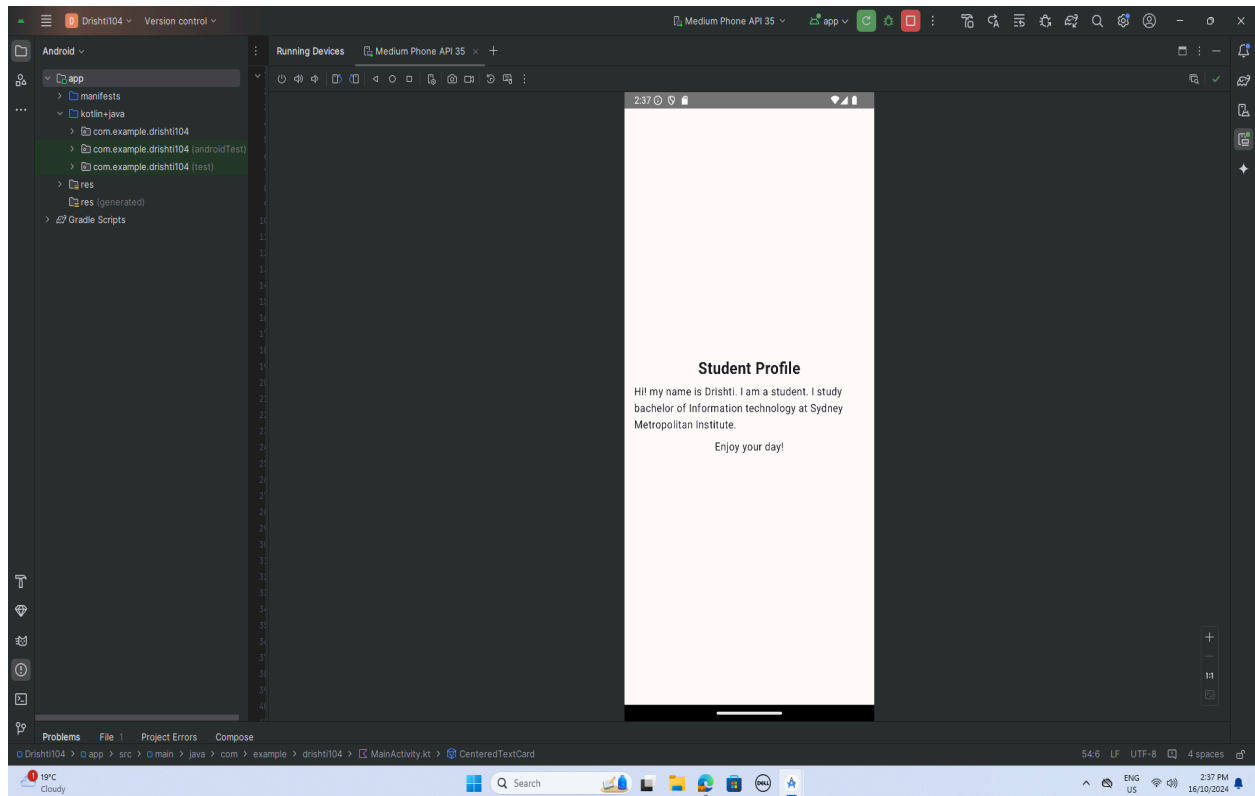
        Surface {
            CenteredTextCard()
        }
    }
}

@Composable
fun CenteredTextCard() {
    Column(
        modifier = Modifier
            .fillMaxSize()
            .padding(16.dp),
        verticalArrangement = Arrangement.Center,
        horizontalAlignment = Alignment.CenterHorizontally
    ) {
        Text(
            text = "Student Profile",
            fontSize = 24.sp,
            fontWeight = FontWeight.Bold
        )
        Spacer(modifier = Modifier.height(8.dp))
        Text(
            text = "Hi! my name is Drishti. I am a student. I study bachelor of
Information technology at Sydney Metropolitan Institute.",
            fontSize = 16.sp
        )
        Spacer(modifier = Modifier.height(8.dp))
        Text(
            text = "Enjoy your day!",
            fontSize = 16.sp
        )
    }
}

```

Output :





Reference :

Md Muhammad Rafiqul Islam, 2024 . *Steps to create your own Android app.*

Available at:

<https://moodle.sydneymet.edu.au/mod/assign/view.php?id=12768> (Accessed: 16 October 2024).