

Lovely Professional University

CSE224 - Fundamentals of Android

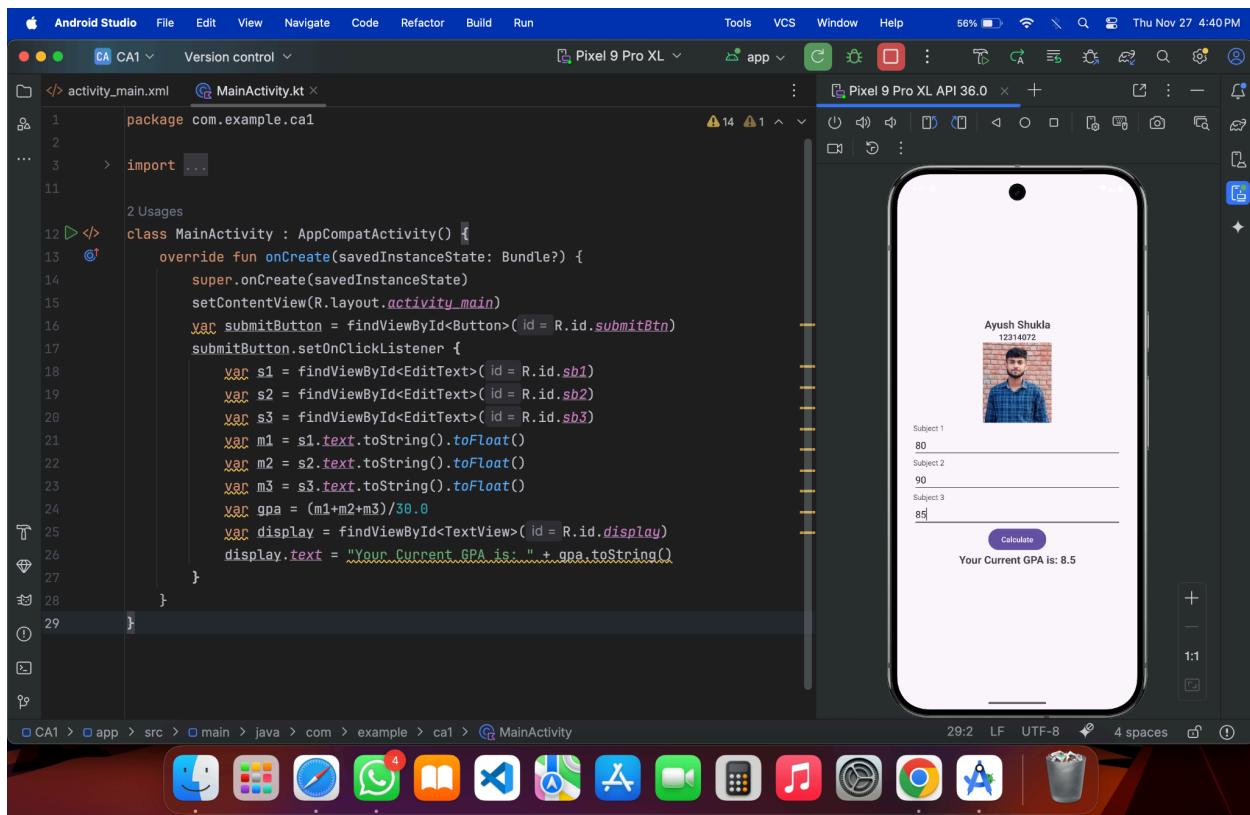
Academic Task - 1

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Link to Github Repo:
<https://github.com/ayushshukla8920/cse-224-ca1>

Screenshots:



Android Studio - CA1

MainActivity.kt

```
1 package com.example.ca1
...
11
12 class MainActivity : AppCompatActivity() {
13     override fun onCreate(savedInstanceState: Bundle?) {
14         super.onCreate(savedInstanceState)
15         setContentView(R.layout.activity_main)
16         val submitButton = findViewById<Button>(id = R.id.submitBtn)
17         submitButton.setOnClickListener {
18             val s1 = findViewById<EditText>(id = R.id.sb1)
19             val s2 = findViewById<EditText>(id = R.id.sb2)
20             val s3 = findViewById<EditText>(id = R.id.sb3)
21             val m1 = s1.text.toString().toFloat()
22             val m2 = s2.text.toString().toFloat()
23             val m3 = s3.text.toString().toFloat()
24             val gpa = (m1+m2+m3)/30.0
25             val display = findViewById<TextView>(id = R.id.display)
26             display.text = "Your Current GPA is: " + gpa.toString()
27         }
28     }
29 }
```

activity_main.xml

```
<LinearLayout>
    <EditText>
        android:hint="Enter Subject 1 Marks"
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Subject 2"
        android:textAlignment="textStart"/>
    <EditText
        android:id="@+id/sb3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter Subject 3 Marks"/>
    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Calculate"
        android:id="@+id/submitBtn"/>
    <TextView
        android:id="@+id/display"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textStyle="bold"
        android:textSize="20dp"
        android:text=""
        android:textAlignment="center"/>
</LinearLayout>
```

