Github Link -

```kotlin
package com.example.myapplication

import android.os.Bundle
import android.widget.Button
import android.widget.EditText
import android.widget.Toast
import androidx.appcompat.app.AppCompatActivity

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        val n1 = findViewById<EditText>(R.id.n1)
        val n2 = findViewById<EditText>(R.id.n2)
        val n3 = findViewById<EditText>(R.id.n3)
        val button = findViewById<Button>(R.id.calculate_button)

        button.setOnClickListener {
            val s1 = n1.text.toString()
            val s2 = n2.text.toString()
            val s3 = n3.text.toString()

            if (s1.isEmpty() || s2.isEmpty() || s3.isEmpty()) {
                Toast.makeText(this, "Please enter all marks", Toast.LENGTH_SHORT).show()
            } else {
                val m1 = s1.toFloat()
                val m2 = s2.toFloat()
                val m3 = s3.toFloat()

                val cgpa = (m1 + m2 + m3) / 30
                Toast.makeText(this, "CGPA: %.2f".format(cgpa), Toast.LENGTH_LONG).show()
            }
        }
    }
}
```

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="24dp">

    <TextView
        android:layout_width="359dp"
```

```xml
        android:layout_height="wrap_content"
        android:layout_marginBottom="20dp"
        android:background="@color/black"
        android:padding="8dp"
        android:text="CGPA Calculator"
        android:textColor="#ffffff"
        android:textSize="24sp" />

    <ImageView
        android:layout_width="109dp"
        android:layout_height="70dp"
        android:layout_gravity="center_horizontal"
        android:layout_marginBottom="20dp"
        android:src="@drawable/wall" />

    <TextView
        android:layout_width="167dp"
        android:layout_height="wrap_content"
        android:layout_marginBottom="8dp"
        android:text="Student Name"
        android:textColor="@color/black"
        android:textSize="20sp" />

    <EditText
        android:id="@+id/course_name"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter Student Name"
        android:padding="10dp"
        android:layout_marginBottom="16dp"
        android:inputType="text" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Student Registration Number"
        android:textSize="20sp"
        android:layout_marginBottom="8dp"
        android:textColor="@color/black" />

    <EditText
        android:id="@+id/course_number"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter Student Number"
        android:padding="10dp"
        android:layout_marginBottom="6dp"
        android:inputType="number" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Subject Marks"
```

```xml
        android:textSize="20sp"
        android:layout_marginBottom="6dp"
        android:textColor="@color/black" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Subject 1"
        android:textSize="15sp"
        android:layout_marginBottom="6dp"
        android:textColor="@color/black" />

    <EditText
        android:id="@+id/n1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter Marks"
        android:padding="10dp"
        android:layout_marginBottom="6dp"
        android:inputType="number" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Subject 2"
        android:textSize="15sp"
        android:layout_marginBottom="6dp"
        android:textColor="@color/black" />

    <EditText
        android:id="@+id/n2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter Marks"
        android:padding="10dp"
        android:layout_marginBottom="6dp"
        android:inputType="number" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Subject 3"
        android:textSize="15sp"
        android:layout_marginBottom="6dp"
        android:textColor="@color/black" />

    <EditText
        android:id="@+id/n3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Enter Marks"
        android:padding="10dp"
        android:layout_marginBottom="6dp"
```

```xml
        android:inputType="number" />

    <Button
        android:id="@+id/calculate_button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Calculate CGPA"
        android:layout_gravity="center_horizontal"
        android:layout_marginTop="10dp"
        android:paddingLeft="20dp"
        android:paddingRight="20dp" />

</LinearLayout>
```

CGPA Calculator

Student Name

kavy sharma

Student Registration Number

12326441

Subject Marks

Subject 1

55

ct 2

45

Subject 3

55

CALCULATE CGPA

CGPA: 5.17