

CGPI Activity

Here, we have implemented two activities as-

1) CGPIActivity1.java

In this activity we have asked user to give input as no. of semesters. We will then pass this no of semesters to next activity for further actions.

For this make following changes in **activity_cgpi1.xml**-

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".CGPIActivity1">

    <EditText
        android:id="@+id/editText"
        android:layout_width="235dp"
        android:layout_height="68dp"
        android:layout_marginStart="8dp"
        android:layout_marginLeft="8dp"
        android:layout_marginTop="8dp"
        android:layout_marginEnd="8dp"
        android:layout_marginRight="8dp"
        android:layout_marginBottom="8dp"
        android:ems="10"
        android:hint="No. of Semesters"
        android:inputType="number"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.32" />

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="8dp"
        android:layout_marginLeft="8dp"
        android:layout_marginTop="8dp"
        android:layout_marginEnd="8dp"
        android:layout_marginRight="8dp"
        android:layout_marginBottom="8dp"
        android:background="#FFFFFF"
        android:onClick="noOfSemesters"
        android:text="Next"
        android:textColor="#009688"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.498"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editText"
        app:layout_constraintVertical_bias="0.369" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Also, make changes in **CGPIActivity1.java** as follows-

```

package com.professionaljk.cgpiCalculator;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

public class CGPIActivity1 extends AppCompatActivity {
    EditText et;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_cgpi1);
        et=findViewById(R.id.editText);
    }
    public void noOfSemesters(View view){
        if (et.getText().toString().equals("")) {
            Toast.makeText(this, "Enter No. of Semesters",
                Toast.LENGTH_SHORT).show();
        } else {
            int no_of_semesters = Integer.valueOf(et.getText().toString());
            if (no_of_semesters >= 1 && no_of_semesters <= 8) {
                Intent intent = new Intent(this, CGPIActivity2.class);
                intent.putExtra("semesters_count",
                    String.valueOf(no_of_semesters));
                startActivity(intent);
                this.finish();
            } else {
                Toast.makeText(this, "Invalid No. of Semesters",
                    Toast.LENGTH_SHORT).show();
            }
        }
    }
}

```

2) CGPIActivity2.java

In this activity we will receive no of semesters sent from previous activity. On the basis of no of semesters, we will decide, how many fields to be allowed. Through these fields we will take user pointers. We will then calculate the average CGPI. Also, we will display corresponding percentage.

For these make following changes in **activity_cgpi2.xml**-

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".CGPIActivity2">

    <TextView
        android:id="@+id/textView1"
        android:layout_width="97dp"
        android:layout_height="40dp"
        android:gravity="center|left"
        android:text="SEM I"
        android:textSize="18sp"
        app:fontFamily="serif"
        app:layout_constraintBottom_toBottomOf="parent"

```

```

        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.05"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.063" />
<EditText
    android:id="@+id/editText1"
    android:layout_width="239dp"
    android:layout_height="40dp"
    android:ems="10"
    android:enabled="false"
    android:inputType="numberDecimal"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.347"
    app:layout_constraintStart_toEndOf="@+id/textView1"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.063" />
<TextView
    android:id="@+id/textView2"
    android:layout_width="97dp"
    android:layout_height="40dp"
    android:gravity="center|left"
    android:text="SEM II"
    android:textSize="18sp"
    app:fontFamily="serif"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.05"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView1"
    app:layout_constraintVertical_bias="0.022" />
<EditText
    android:id="@+id/editText2"
    android:layout_width="239dp"
    android:layout_height="40dp"
    android:ems="10"
    android:enabled="false"
    android:inputType="numberDecimal"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.355"
    app:layout_constraintStart_toEndOf="@+id/textView2"
    app:layout_constraintTop_toBottomOf="@+id/editText1"
    app:layout_constraintVertical_bias="0.022" />
<TextView
    android:id="@+id/textView3"
    android:layout_width="97dp"
    android:layout_height="40dp"
    android:gravity="center|left"
    android:text="SEM III"
    android:textSize="18sp"
    app:fontFamily="serif"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.05"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView2"
    app:layout_constraintVertical_bias="0.02" />
<EditText
    android:id="@+id/editText3"
    android:layout_width="239dp"
    android:layout_height="40dp"
    android:ems="10"
    android:enabled="false"
    android:inputType="numberDecimal"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"

```

```

        app:layout_constraintHorizontal_bias="0.355"
        app:layout_constraintStart_toEndOf="@+id/textView3"
        app:layout_constraintTop_toBottomOf="@+id/editText2"
        app:layout_constraintVertical_bias="0.02" />
<TextView
    android:id="@+id/textView4"
    android:layout_width="97dp"
    android:layout_height="40dp"
    android:gravity="center|left"
    android:text="SEM IV"
    android:textSize="18sp"
    app:fontFamily="serif"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.05"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView3"
    app:layout_constraintVertical_bias="0.025" />
<EditText
    android:id="@+id/editText4"
    android:layout_width="239dp"
    android:layout_height="40dp"
    android:ems="10"
    android:enabled="false"
    android:inputType="numberDecimal"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.355"
    app:layout_constraintStart_toEndOf="@+id/textView4"
    app:layout_constraintTop_toBottomOf="@+id/editText3"
    app:layout_constraintVertical_bias="0.025" />
<TextView
    android:id="@+id/textView5"
    android:layout_width="97dp"
    android:layout_height="40dp"
    android:gravity="center|left"
    android:text="SEM V"
    android:textSize="18sp"
    app:fontFamily="serif"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.05"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView4"
    app:layout_constraintVertical_bias="0.038" />
<EditText
    android:id="@+id/editText5"
    android:layout_width="239dp"
    android:layout_height="40dp"
    android:ems="10"
    android:enabled="false"
    android:inputType="numberDecimal"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.355"
    app:layout_constraintStart_toEndOf="@+id/textView5"
    app:layout_constraintTop_toBottomOf="@+id/editText4"
    app:layout_constraintVertical_bias="0.038" />
<TextView
    android:id="@+id/textView6"
    android:layout_width="97dp"
    android:layout_height="40dp"
    android:gravity="center|left"
    android:text="SEM VI"
    android:textSize="18sp"
    app:fontFamily="serif"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"

```

```

        app:layout_constraintHorizontal_bias="0.05"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/textView5"
        app:layout_constraintVertical_bias="0.052" />
<EditText
    android:id="@+id/editText6"
    android:layout_width="239dp"
    android:layout_height="40dp"
    android:ems="10"
    android:enabled="false"
    android:inputType="numberDecimal"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.355"
    app:layout_constraintStart_toEndOf="@+id/textView6"
    app:layout_constraintTop_toBottomOf="@+id/editText5"
    app:layout_constraintVertical_bias="0.052" />
<TextView
    android:id="@+id/textView7"
    android:layout_width="97dp"
    android:layout_height="37dp"
    android:gravity="center|left"
    android:text="SEM VII"
    android:textSize="18sp"
    app:fontFamily="serif"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.05"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView6"
    app:layout_constraintVertical_bias="0.074" />
<EditText
    android:id="@+id/editText7"
    android:layout_width="239dp"
    android:layout_height="40dp"
    android:gravity="center|left"
    android:ems="10"
    android:enabled="false"
    android:inputType="numberDecimal"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.355"
    app:layout_constraintStart_toEndOf="@+id/textView7"
    app:layout_constraintTop_toBottomOf="@+id/editText6"
    app:layout_constraintVertical_bias="0.075" />
<TextView
    android:id="@+id/textView8"
    android:layout_width="97dp"
    android:layout_height="37dp"
    android:gravity="center|left"
    android:text="SEM VIII"
    android:textSize="18sp"
    app:fontFamily="serif"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.05"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView7"
    app:layout_constraintVertical_bias="0.055" />
<EditText
    android:id="@+id/editText8"
    android:layout_width="239dp"
    android:layout_height="40dp"
    android:ems="10"
    android:enabled="false"
    android:inputType="numberDecimal"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"

```

```

        app:layout_constraintHorizontal_bias="0.355"
        app:layout_constraintStart_toEndOf="@+id/textView8"
        app:layout_constraintTop_toBottomOf="@+id/editText7"
        app:layout_constraintVertical_bias="0.04" />

<Button
    android:id="@+id/calculateButton"
    android:layout_width="125dp"
    android:layout_height="wrap_content"
    android:layout_marginTop="20dp"
    android:background="#FFFFFF"
    android:foregroundGravity="center"
    android:gravity="center"
    android:onClick="calculateCGPI"
    android:text="Calculate"
    android:textColor="#009688"
    android:textSize="20dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/editText8"
    app:layout_constraintVertical_bias="0.0" />

<TextView
    android:id="@+id/resultMessage"
    android:layout_width="307dp"
    android:layout_height="67dp"
    android:gravity="center"
    android:textColor="@android:color/holo_blue_dark"
    android:textSize="20sp"
    app:fontFamily="cursive"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/calculateButton" />

</androidx.constraintlayout.widget.ConstraintLayout>

```

Also, make changes in **CGPIActivity2.java** as follows-

```

package com.professionaljk.cgpiisgpcalculator;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

public class CGPIActivity2 extends AppCompatActivity {
    EditText e1,e2,e3,e4,e5,e6,e7,e8;
    TextView result;
    int n;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_cgpi2);
        e1=findViewById(R.id.editText1);
        e2=findViewById(R.id.editText2);
        e3=findViewById(R.id.editText3);
        e4=findViewById(R.id.editText4);
        e5=findViewById(R.id.editText5);
        e6=findViewById(R.id.editText6);
        e7=findViewById(R.id.editText7);
    }
}

```

```
e8=findViewById(R.id.editText8);
result=findViewById(R.id.resultMessage);
Intent intent=getIntent();
n=Integer.valueOf(intent.getStringExtra("semesters_count"));
switch(n) {
    case 1:
        e1.setFocusable(true);
        e1.setEnabled(true);
        break;
    case 2:
        e1.setFocusable(true);
        e1.setEnabled(true);
        e2.setEnabled(true);
        break;
    case 3:
        e1.setFocusable(true);
        e1.setEnabled(true);
        e2.setEnabled(true);
        e3.setEnabled(true);
        break;
    case 4:
        e1.setFocusable(true);
        e1.setEnabled(true);
        e2.setEnabled(true);
        e3.setEnabled(true);
        e4.setEnabled(true);
        break;
    case 5:
        e1.setFocusable(true);
        e1.setEnabled(true);
        e2.setEnabled(true);
        e3.setEnabled(true);
        e4.setEnabled(true);
        e4.setEnabled(true);
        e5.setEnabled(true);
        break;
    case 6:
        e1.setFocusable(true);
        e1.setEnabled(true);
        e2.setEnabled(true);
        e3.setEnabled(true);
        e4.setEnabled(true);
        e5.setEnabled(true);
        e6.setEnabled(true);
        break;
    case 7:
        e1.setFocusable(true);
        e1.setEnabled(true);
        e2.setEnabled(true);
        e3.setEnabled(true);
        e4.setEnabled(true);
        e5.setEnabled(true);
        e6.setEnabled(true);
        e7.setEnabled(true);
        break;
    case 8:
        e1.setFocusable(true);
        e1.setEnabled(true);
        e2.setEnabled(true);
        e3.setEnabled(true);
        e4.setEnabled(true);
        e5.setEnabled(true);
        e6.setEnabled(true);
        e7.setEnabled(true);
        e8.setEnabled(true);
        break;
    default:
        break;
```

```

    }
}

public boolean checkEmptyField() {
    switch (n) {
        case 1:
            if (e1.getText().toString().equals("")) {
                Toast.makeText(this, "Enter correct pointer",
                    Toast.LENGTH_SHORT).show();
                return false;
            }
            break;
        case 2:
            if (e1.getText().toString().equals("") ||
                e2.getText().toString().equals("")) {
                Toast.makeText(this, "Enter correct pointers",
                    Toast.LENGTH_SHORT).show();
                return false;
            }
            break;
        case 3:
            if (e1.getText().toString().equals("") ||
                e2.getText().toString().equals("") || e3.getText().toString().equals("")) {
                Toast.makeText(this, "Enter correct pointers",
                    Toast.LENGTH_SHORT).show();
                return false;
            }
            break;
        case 4:
            if (e1.getText().toString().equals("") ||
                e2.getText().toString().equals("") || e3.getText().toString().equals("") ||
                e4.getText().toString().equals("")) {
                Toast.makeText(this, "Enter correct pointers",
                    Toast.LENGTH_SHORT).show();
                return false;
            }
            break;
        case 5:
            if (e1.getText().toString().equals("") ||
                e2.getText().toString().equals("") || e3.getText().toString().equals("") ||
                e4.getText().toString().equals("") || e5.getText().toString().equals("")) {
                Toast.makeText(this, "Enter correct pointers",
                    Toast.LENGTH_SHORT).show();
                return false;
            }
            break;
        case 6:
            if (e1.getText().toString().equals("") ||
                e2.getText().toString().equals("") || e3.getText().toString().equals("") ||
                e4.getText().toString().equals("") || e5.getText().toString().equals("") ||
                e6.getText().toString().equals("")) {
                Toast.makeText(this, "Enter correct pointers",
                    Toast.LENGTH_SHORT).show();
                return false;
            }
            break;
        case 7:
            if (e1.getText().toString().equals("") ||
                e2.getText().toString().equals("") || e3.getText().toString().equals("") ||
                e4.getText().toString().equals("") || e5.getText().toString().equals("") ||
                e6.getText().toString().equals("") || e7.getText().toString().equals("")) {
                Toast.makeText(this, "Enter correct pointers",
                    Toast.LENGTH_SHORT).show();
                return false;
            }
            break;
        case 8:
            if (e1.getText().toString().equals("") ||

```



```

e2.getText().toString().equals("") || e3.getText().toString().equals("") ||
e4.getText().toString().equals("") || e5.getText().toString().equals("") ||
e6.getText().toString().equals("") || e7.getText().toString().equals("") ||
e8.getText().toString().equals("")) {
    Toast.makeText(this, "Enter correct pointers",
Toast.LENGTH_SHORT).show();
    return false;
}
break;
default:
break;
}
return true;
}
public void calculateCGPI(View view){
    double n1, n2, n3, n4, n5, n6, n7, n8, cgpi = 0, percentage = 0;
    if (checkEmptyField()) {
        switch (n) {
            case 1:
                n1 = Double.valueOf(e1.getText().toString());
                cgpi = n1;
                break;
            case 2:
                n1 = Double.valueOf(e1.getText().toString());
                n2 = Double.valueOf(e2.getText().toString());
                cgpi = (n1 + n2) / 2;
                break;
            case 3:
                n1 = Double.valueOf(e1.getText().toString());
                n2 = Double.valueOf(e2.getText().toString());
                n3 = Double.valueOf(e3.getText().toString());
                cgpi = (n1 + n2 + n3) / 3;
                break;
            case 4:
                n1 = Double.valueOf(e1.getText().toString());
                n2 = Double.valueOf(e2.getText().toString());
                n3 = Double.valueOf(e3.getText().toString());
                n4 = Double.valueOf(e4.getText().toString());
                cgpi = (n1 + n2 + n3 + n4) / 4;
                break;
            case 5:
                n1 = Double.valueOf(e1.getText().toString());
                n2 = Double.valueOf(e2.getText().toString());
                n3 = Double.valueOf(e3.getText().toString());
                n4 = Double.valueOf(e4.getText().toString());
                n5 = Double.valueOf(e5.getText().toString());
                cgpi = (n1 + n2 + n3 + n4 + n5) / 5;
                break;
            case 6:
                n1 = Double.valueOf(e1.getText().toString());
                n2 = Double.valueOf(e2.getText().toString());
                n3 = Double.valueOf(e3.getText().toString());
                n4 = Double.valueOf(e4.getText().toString());
                n5 = Double.valueOf(e5.getText().toString());
                n6 = Double.valueOf(e6.getText().toString());
                cgpi = (n1 + n2 + n3 + n4 + n5 + n6) / 6;
                break;
            case 7:
                n1 = Double.valueOf(e1.getText().toString());
                n2 = Double.valueOf(e2.getText().toString());
                n3 = Double.valueOf(e3.getText().toString());
                n4 = Double.valueOf(e4.getText().toString());
                n5 = Double.valueOf(e5.getText().toString());
                n6 = Double.valueOf(e6.getText().toString());
                n7 = Double.valueOf(e7.getText().toString());
                cgpi = (n1 + n2 + n3 + n4 + n5 + n6 + n7) / 7;
                break;
            case 8:

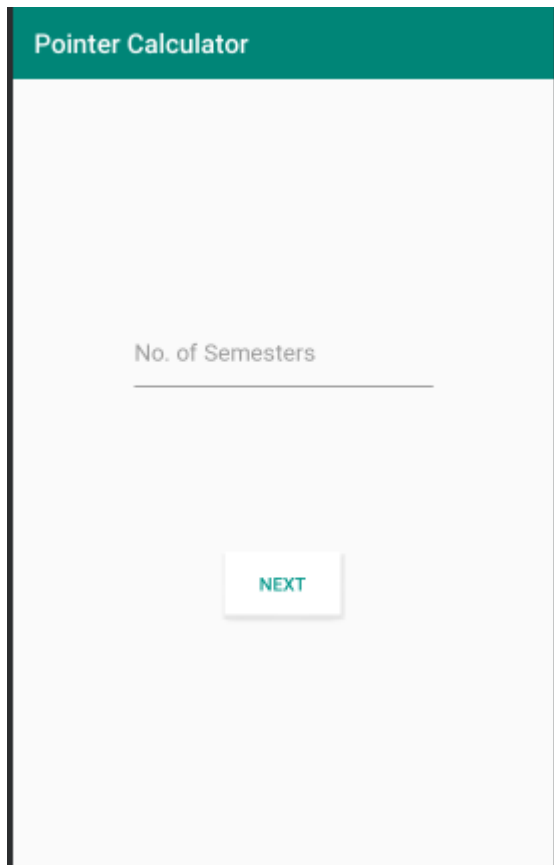
```

```

        n1 = Double.valueOf(e1.getText().toString());
        n2 = Double.valueOf(e2.getText().toString());
        n3 = Double.valueOf(e3.getText().toString());
        n4 = Double.valueOf(e4.getText().toString());
        n5 = Double.valueOf(e5.getText().toString());
        n6 = Double.valueOf(e6.getText().toString());
        n7 = Double.valueOf(e7.getText().toString());
        n8 = Double.valueOf(e8.getText().toString());
        cgpi = (n1 + n2 + n3 + n4 + n5 + n6 + n7 + n8) / 8;
        break;
    default:
        break;
    }
    cgpi = Math.round(cgpi * 100.0) / 100.0;
    if (cgpi >= 4.0 && cgpi <= 6.74) {
        percentage = cgpi * 8 + 5;
        percentage = Math.round(percentage * 100.0) / 100.0;
    } else if (cgpi >= 6.75 && cgpi <= 7.24) {
        percentage = cgpi * 8 + 6;
        percentage = Math.round(percentage * 100.0) / 100.0;
    } else if (cgpi >= 7.25 && cgpi <= 7.74) {
        percentage = cgpi * 8 + 7;
        percentage = Math.round(percentage * 100.0) / 100.0;
    } else if (cgpi >= 7.75 && cgpi <= 8.24) {
        percentage = cgpi * 8 + 8;
        percentage = Math.round(percentage * 100.0) / 100.0;
    } else if (cgpi >= 8.25) {
        percentage = cgpi * 8 + 9;
        percentage = Math.round(percentage * 100.0) / 100.0;
    }
    result.setText("CGPI: " + cgpi + "\n" + "Percentage: " + percentage);
}
}
}

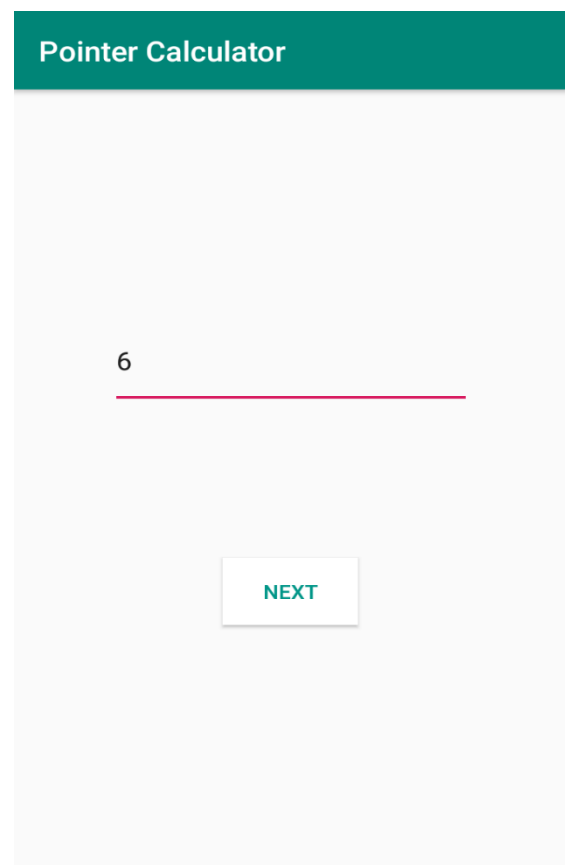
```

OUTPUT:



The screenshot shows a mobile application interface with a teal header bar containing the text "Pointer Calculator". Below the header, the text "No. of Semesters" is displayed above a horizontal input line. At the bottom center, there is a white rectangular button with the word "NEXT" in teal capital letters.

Fig. CGPIActivity1 (Before user input)



The screenshot shows the same mobile application interface as the previous one, but with the number "6" entered into the input field above the horizontal line. The "NEXT" button remains at the bottom center.

Fig. CGPIActivity2 (After user input)

Pointer Calculator

SEM I

SEM II

SEM III

SEM IV

SEM V

SEM VI

SEM VII

SEM VIII

CALCULATE

Fig. CGPIActivity2 (Before user input)

Pointer Calculator

SEM I

7.22

SEM II

7.74

SEM III

8.85

SEM IV

8.19

SEM V

8.15

SEM VI

8.46

SEM VII

SEM VIII

CALCULATE

CGPI: 8.1

Percentage: 72.8

Fig. CGPIActivity2 (After user input)