**Activity\_Main.java**

<?xml version="1.0" encoding="utf-8"?>

<android.support.constraint.ConstraintLayout xmlns:android="[http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android) xmlns:app="[http://schemas.android.com/apk/res-auto"](http://schemas.android.com/apk/res-auto) xmlns:tools="[http://schemas.android.com/tools"](http://schemas.android.com/tools) android:layout\_width="match\_parent" android:layout\_height="match\_parent" tools:context=".MainActivity">

<EditText

android:id="@+id/ed1" android:layout\_width="0dp" android:layout\_height="wrap\_content" android:layout\_marginTop="16dp" android:ems="10" android:inputType="textPersonName" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" />

<EditText android:id="@+id/ed2" android:layout\_width="0dp"

android:layout\_height="wrap\_content" android:layout\_marginTop="24dp" android:ems="10" android:inputType="textPersonName" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/ed1" />

<Button android:id="@+id/btn1"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginTop="132dp" android:onClick="add" android:text="+"

app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/ed2" />

<Button android:id="@+id/btn2"

android:layout\_width="wrap\_content"

android:layout\_height="0dp" android:onClick="sub" android:text="-"

app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/btn1" />

<Button android:id="@+id/btn3"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginTop="60dp" android:onClick="mul" android:text="\*"

app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/btn1" />

<Button android:id="@+id/btn4"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_marginTop="12dp" android:onClick="div" android:text="/"

app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.067" app:layout\_constraintStart\_toEndOf="@+id/btn3" app:layout\_constraintTop\_toBottomOf="@+id/btn2" />

<TextView android:id="@+id/txt1" android:layout\_width="384dp" android:layout\_height="21dp" android:layout\_marginTop="80dp"

app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/ed1" />

</android.support.constraint.ConstraintLayout>

## Main\_Activity.java

package com.example.sjcet.simplecalculator;

import android.support.v7.app.AppCompatActivity; import android.os.Bundle;

import android.view.View; import android.widget.EditText; import android.widget.TextView;

public class MainActivity extends AppCompatActivity { TextView tv1;

EditText et1,et2; int ed1,ed2; @Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main);

}

public void add(View view) {

et1 = (EditText)findViewById(R.id.ed1); et2 = (EditText)findViewById(R.id.ed2); tv1 = (TextView)findViewById(R.id.txt1); String s1 = et1.getText().toString();

String s2 = et2.getText().toString(); ed1 = Integer.parseInt(s1);

ed2 = Integer.parseInt(s2); int sum = ed1 + ed2;

tv1.setText(Integer.toString(sum));

}

public void sub(View view) {

et1 = (EditText)findViewById(R.id.ed1); et2 = (EditText)findViewById(R.id.ed2); tv1 = (TextView)findViewById(R.id.txt1); String s1 = et1.getText().toString();

String s2 = et2.getText().toString(); ed1 = Integer.parseInt(s1);

ed2 = Integer.parseInt(s2); int sum = ed1 - ed2;

tv1.setText(Integer.toString(sum));

}

public void mul(View view) {

et1 = (EditText)findViewById(R.id.ed1); et2 = (EditText)findViewById(R.id.ed2); tv1 = (TextView)findViewById(R.id.txt1); String s1 = et1.getText().toString();

String s2 = et2.getText().toString(); ed1 = Integer.parseInt(s1);

ed2 = Integer.parseInt(s2); int sum = ed1 \* ed2;

tv1.setText(Integer.toString(sum));

}

public void div(View view) {

et1 = (EditText)findViewById(R.id.ed1); et2 = (EditText)findViewById(R.id.ed2); tv1 = (TextView)findViewById(R.id.txt1); String s1 = et1.getText().toString();

String s2 = et2.getText().toString(); ed1 = Integer.parseInt(s1);

ed2 = Integer.parseInt(s2); int sum = ed1 / ed2;

tv1.setText(Integer.toString(sum));

}

}

**OUTPUT**

Graphical user interface, application

Description automatically generated