```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"
    android:orientation="horizontal"
    tools:context=".MainActivity">

    <LinearLayout
        android:id="@+id/linearLayout"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

        <EditText
            android:id="@+id/firstNo"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginLeft="30dp"
            android:layout_marginTop="100dp"
            android:gravity="center"
            android:inputType="number"
            android:backgroundTint="#FFBF00"
            android:ems="7"
            android:hint="EnterFirstNo"
            android:minHeight="48dp"/>

        <EditText
            android:id="@+id/secondtNo"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginLeft="20dp"
            android:layout_marginTop="100dp"
            android:backgroundTint="#FFBF00"
            android:ems="7"
            android:inputType="number"
            android:gravity="center"
            android:hint="EnterSecondNo"
            android:minHeight="48dp"/>

    </LinearLayout>

    <TextView
        android:id="@+id/output"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
```

```
    android:layout_marginTop="36dp"
    android:gravity="center"
    android:textSize="20sp"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.498"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/linearLayout"/>


  <LinearLayout
    android:id="@+id/linearLayout1"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:orientation="horizontal"
    app:layout_constraintTop_toBottomOf="@+id/output">

    <Button
      android:onClick="add"
      android:layout_width="wrap_content"
      android:layout_height="wrap_content"
      android:text="+"
      android:textColor="@color/black"
      android:backgroundTint="#FFBF00"
      android:gravity="center"
      android:textSize="25dp"
      android:layout_marginLeft="10dp"
     android:layout_marginTop="10dp"/>

    <Button
      android:onClick="sub"
      android:layout_width="wrap_content"
      android:layout_height="wrap_content"
      android:textColor="@color/black"
      android:text="-"
      android:backgroundTint="#FFBF00"
      android:gravity="center"
      android:textSize="25dp"
      android:layout_marginLeft="10dp
     android:layout_marginTop="10dp"/>


<Button
      android:onClick="mul"
      android:layout_width="wrap_content"
      android:layout_height="wrap_content"
      android:textColor="@color/black"
      android:text="*"
      android:gravity="center"
      android:textSize="25dp"
      android:backgroundTint="#FFBF00"
```

```xml
            android:layout_marginLeft="10dp"
            android:layout_marginTop="10dp"/>

        <Button
            android:onClick="div"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="/"
            android:gravity="center"
            android:backgroundTint="#FFBF00"
            android:textColor="@color/black"
            android:layout_marginLeft="10dp"
            android:textSize="25dp

            android:layout_marginTop="10dp"/>

    </LinearLayout>
  </androidx.constraintlayout.widget.ConstraintLayout>
```

Mainactivity.java

```java
package com.example.simplecalculator;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.TextView;
public class MainActivity extends AppCompatActivity
{
    int number1, number2;
    TextView output;
    EditText no1,no2;
    @Override
    protected void onCreate(Bundle savedInstanceState)
    {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        no1 = (EditText) findViewById(R.id.firstNo);
        no2 = (EditText) findViewById(R.id.secondtNo);
        output =(TextView) findViewById(R.id.output);
    }

    public void add(View view)
    {
        number1 = Integer.parseInt(no1.getText().toString());
        number2 = Integer.parseInt(no2.getText().toString());
        output.setText(String.valueOf(number1+number2));
    }
    public void sub(View view)
    {
        number1 = Integer.parseInt(no1.getText().toString());
```

```java
        number2 = Integer.parseInt(no2.getText().toString());
        output.setText(String.valueOf(number1-number2));
    }
    public void mul(View view)
    {
        number1 = Integer.parseInt(no1.getText().toString());
        number2 = Integer.parseInt(no2.getText().toString());
        output.setText(String.valueOf(number1*number2));
    }
    public void div(View view)
    {
        number1 = Integer.parseInt(no1.getText().toString());
        number2 = Integer.parseInt(no2.getText().toString());
        output.setText(String.valueOf(number1/number2));
    }
}
```

SImpleCalculator

10   12

-2

| + | - | * | / |

SImpleCalculator

10   12

120

| + | - | * | / |

SImpleCalculator

10   12

0

| + | - | * | / |