Main activity-1

```java
package com.example.cal_171;

import androidx.appcompat.app.AppCompatActivity;

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

public class MainActivity extends AppCompatActivity {
    EditText editTextNumber1, editTextNumber2;
    Button buttonSum;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        editTextNumber1 = findViewById(R.id.editTextNumber1);
        editTextNumber2 = findViewById(R.id.editTextNumber2);
        buttonSum = findViewById(R.id.buttonSum);

        buttonSum.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                // Get input numbers
                double num1 =
Double.parseDouble(editTextNumber1.getText().toString());
                double num2 =
Double.parseDouble(editTextNumber2.getText().toString());

                // Perform the calculation
                double result = num1 + num2;

                // Start ResultActivity and pass the result
                Intent intent = new Intent(MainActivity.this,
MainActivity2.class);
                intent.putExtra("result", result);
                startActivity(intent);
            }
        });
    }
}
```

main activity -2

```java
package com.example.cal_171;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.widget.TextView;

public class MainActivity2 extends AppCompatActivity {
    TextView textViewResult;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);

        textViewResult = findViewById(R.id.textViewResult);

        // Get the result from the intent
        double result = getIntent().getDoubleExtra("result", 0.0);

        // Display the result
        textViewResult.setText("Result: " + result);
    }
}
```

xml-1

```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=".MainActivity">

    <TextView
        android:id="@+id/textView"
        android:layout_width="291dp"
        android:layout_height="47dp"
        android:layout_marginStart="60dp"
        android:layout_marginTop="150dp"
        android:layout_marginEnd="60dp"
        android:background="#8BC34A"
        android:text="ENTER 1ST NMUMER"
        android:textAlignment="center"
        android:textSize="24sp"
```

```xml
        app:layout_constraintBottom_toTopOf="@+id/editTextNumber1"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/editTextNumber1"
        android:layout_width="212dp"
        android:layout_height="54dp"
        android:layout_marginTop="60dp"
        android:layout_marginBottom="55dp"
        android:background="#C6BABA"
        android:ems="10"
        android:inputType="number"
        app:layout_constraintBottom_toTopOf="@+id/textView2"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/textView" />

    <TextView
        android:id="@+id/textView2"
        android:layout_width="283dp"
        android:layout_height="47dp"
        android:layout_marginStart="60dp"
        android:layout_marginTop="1dp"
        android:layout_marginEnd="60dp"
        android:layout_marginBottom="43dp"
        android:background="#8BC34A"
        android:text="ENTER 2ND NUMBER "
        android:textAlignment="center"
        android:textSize="24sp"
        app:layout_constraintBottom_toTopOf="@+id/editTextNumber2"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editTextNumber2" />

    <EditText
        android:id="@+id/editTextNumber2"
        android:layout_width="213dp"
        android:layout_height="57dp"
        android:layout_marginStart="93dp"
        android:layout_marginTop="8dp"
        android:layout_marginEnd="108dp"
        android:layout_marginBottom="46dp"
        android:background="#C5B2B2"
        android:ems="10"
        android:inputType="number"
        app:layout_constraintBottom_toTopOf="@+id/buttonSum"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editTextNumber1" />
```

```xml
    <Button
        android:id="@+id/buttonSum"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="147dp"
        android:layout_marginTop="25dp"
        android:layout_marginEnd="164dp"
        android:layout_marginBottom="206dp"
        android:background="#FF5722"
        android:text="SUBMIT"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editTextNumber2" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

xml-2

```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=".MainActivity2">

    <TextView
        android:id="@+id/textViewResult"
        android:layout_width="288dp"
        android:layout_height="132dp"
        android:background="#CBD8BB"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.495"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.208" />

    <TextView
        android:id="@+id/textView4"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="163dp"
        android:layout_marginTop="92dp"
        android:layout_marginEnd="191dp"
        android:layout_marginBottom="14dp"
        android:text="ANSWER"
        android:textColor="#FF0000"
        android:textSize="24sp"
        app:layout_constraintBottom_toTopOf="@+id/textViewResult"
        app:layout_constraintEnd_toEndOf="parent"
```

```
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

snapshot