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="16dp">  
  
 <EditText  
 android:id="@+id/editTextNumber1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter first number"  
 android:inputType="numberDecimal" />  
  
 <EditText  
 android:id="@+id/editTextNumber2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter second number"  
 android:inputType="numberDecimal" />  
  
 <Button  
 android:id="@+id/buttonSum"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Sum" />  
  
 <Button  
 android:id="@+id/buttonAverage"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Average" />  
  
</LinearLayout>

MAIN JAVA

package com.example.sumaverage;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity {  
  
 EditText editTextNumber1, editTextNumber2;  
 Button buttonSum, buttonAverage;  
  
 @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*);  
 buttonAverage = findViewById(R.id.*buttonAverage*);  
  
 buttonSum.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 calculateResult("sum");  
 }  
 });  
  
 buttonAverage.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 calculateResult("average");  
 }  
 });  
 }  
  
 private void calculateResult(String operation) {  
 // Get input numbers  
 double num1 = Double.*parseDouble*(editTextNumber1.getText().toString());  
 double num2 = Double.*parseDouble*(editTextNumber2.getText().toString());  
  
 double result = 0;  
 String resultType = "";  
  
 // Perform calculation based on the operation  
 if (operation.equals("sum")) {  
 result = num1 + num2;  
 resultType = "Sum";  
 } else if (operation.equals("average")) {  
 result = (num1 + num2) / 2;  
 resultType = "Average";  
 }  
  
 // Send result to the second activity  
 Intent intent = new Intent(MainActivity.this, SecondActivity.class);  
 intent.putExtra("result", result);  
 intent.putExtra("resultType", resultType);  
 startActivity(intent);  
 }  
}

SECOND 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="16dp">  
  
 <TextView  
 android:id="@+id/textViewResult"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Result"  
 android:textSize="18sp" />  
  
</LinearLayout>

SecondActivity Java

package com.example.sumaverage;  
  
  
  
import android.os.Bundle;  
import android.widget.TextView;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class SecondActivity extends AppCompatActivity {  
  
 TextView textViewResult;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_second*);  
  
 textViewResult = findViewById(R.id.*textViewResult*);  
  
 // Get the result and resultType from the intent  
 double result = getIntent().getDoubleExtra("result", 0);  
 String resultType = getIntent().getStringExtra("resultType");  
  
 // Display the result  
 textViewResult.setText(resultType + ": " + result);  
 }  
}