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"  
 android:gravity="center">  
  
 <EditText  
 android:id="@+id/num1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter first number"  
 android:inputType="numberDecimal" />  
  
 <EditText  
 android:id="@+id/num2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter second number"  
 android:inputType="numberDecimal"  
 android:layout\_marginTop="16dp"/>  
  
 <Button  
 android:id="@+id/addButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Add Numbers"  
 android:layout\_marginTop="16dp"/>  
  
</LinearLayout>

MAIN

package com.example.additionintent;  
  
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 num1EditText, num2EditText;  
 Button addButton;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 num1EditText = findViewById(R.id.*num1*);  
 num2EditText = findViewById(R.id.*num2*);  
 addButton = findViewById(R.id.*addButton*);  
  
 addButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 // Get the numbers from the EditText fields  
 String num1Str = num1EditText.getText().toString();  
 String num2Str = num2EditText.getText().toString();  
  
 // Convert them to double  
 double num1 = Double.*parseDouble*(num1Str);  
 double num2 = Double.*parseDouble*(num2Str);  
  
 // Create an Intent to pass the numbers to ResultActivity  
 Intent intent = new Intent(MainActivity.this, SecondActivity.class);  
 intent.putExtra("num1", num1);  
 intent.putExtra("num2", num2);  
  
 // Start ResultActivity  
 startActivity(intent);  
 }  
 });  
 }  
}

Activity\_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"  
 android:gravity="center">  
  
 <TextView  
 android:id="@+id/resultTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Result will appear here"  
 android:textSize="18sp" />  
</LinearLayout>

SecondActivity Java

package com.example.additionintent;  
  
import android.os.Bundle;  
import android.widget.TextView;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class SecondActivity extends AppCompatActivity {  
  
 TextView resultTextView;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_second*);  
  
 resultTextView = findViewById(R.id.*resultTextView*);  
  
 // Get the numbers from the Intent  
 double num1 = getIntent().getDoubleExtra("num1", 0);  
 double num2 = getIntent().getDoubleExtra("num2", 0);  
  
 // Calculate the sum  
 double sum = num1 + num2;  
  
 // Display the result  
 resultTextView.setText("Sum: " + sum);  
 }  
}