```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/etNum1"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:hint="Enter first number"

        android:inputType="numberDecimal" />


    <EditText

        android:id="@+id/etNum2"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:hint="Enter second number"

        android:inputType="numberDecimal" />


    <Button
```

```xml
        android:id="@+id/btnCalculate"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:text="Add Numbers" />


    <TextView

        android:id="@+id/tvResult"

        android:layout_width="match_parent"

        android:layout_height="wrap_content"

        android:text="Result: "

        android:textSize="18sp"

        android:paddingTop="10dp" />


</Linear layout>
```

```java
package com.example.arithmeticapp;


import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;
```

```java
import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;


public class MainActivity extends AppCompatActivity {

    EditText etNum1, etNum2;

    Button btnCalculate;

    TextView tvResult;


    @Override
    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);


        etNum1 = findViewById(R.id.etNum1);

        etNum2 = findViewById(R.id.etNum2);

        btnCalculate = findViewById(R.id.btnCalculate);

        tvResult = findViewById(R.id.tvResult);


        btnCalculate.setOnClickListener(new View.OnClickListener() {

            @Override

            public void onClick(View v) {
```

```java
        String num1Str = etNum1.getText().toString();

        String num2Str = etNum2.getText().toString();


        if (!num1Str.isEmpty() && !num2Str.isEmpty()) {

            double num1 = Double.parseDouble(num1Str);

            double num2 = Double.parseDouble(num2Str);

            double sum = num1 + num2;

            tvResult.setText("Result: " + sum);

        } else {

            tvResult.setText("Please enter both numbers.");

        }

    }

    });

 }

}
```