**MainActivity.java**

**package** com.google.addtwonumbers;  
  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 *// define the global variable   
  
 // variable number1, number2 for input input number   
 // Add\_button, result textView* EditText **number1**;  
 EditText **number2**;  
 Button **Add\_button**;  
 TextView **result**;

@Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 *// by ID we can use each component which id is assign in xml file* **number1**=(EditText)findViewById(R.id.***editText\_first\_no***);  
 **number2**=(EditText)findViewById(R.id.***editText\_second\_no***);  
 **Add\_button**=(Button)findViewById(R.id.***add\_button***);  
 **result** = (TextView)findViewById(R.id.***textView\_answer***);  
  
 *// Add\_button add clicklistener* **Add\_button**.setOnClickListener(**new** View.OnClickListener() {  
  
 **public void** onClick(View v) {  
  
 *// num1 or num2 double type   
 // get data which is in edittext, convert it to string   
 // using parse Double convert it to Double type* **double** num1 = Double.*parseDouble*(**number1**.getText().toString());  
 **double** num2 = Double.*parseDouble*(**number2**.getText().toString());  
 *// add both number and store it to sum* **double** sum = num1 + num2;  
 *// set it ot result textview* **result**.setText(Double.*toString*(sum));  
 }  
 });  
 }  
}

activity\_main.xml

<**RelativeLayout 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"  
 tools:layout\_editor\_absoluteY="81dp"**>  
  
 *<!-- Text view for result view-->* <**TextView  
 android:id="@+id/textView\_answer"  
 android:layout\_width="100dp"  
 android:layout\_height="25dp"  
 android:layout\_marginLeft="130dp"  
 android:layout\_marginTop="300dp"  
 android:text="0"  
 android:textSize="20dp"  
 android:textStyle="bold"** />  
  
 *<!--take the input first number-->* <**EditText  
 android:id="@+id/editText\_first\_no"  
 android:layout\_width="150dp"  
 android:layout\_height="40dp"  
 android:layout\_marginLeft="200dp"  
 android:layout\_marginTop="40dp"  
 android:inputType="number"** />  
 *<!-- for messege input first number-->* <**TextView  
 android:id="@+id/textView\_first\_no"  
 android:layout\_width="150dp"  
 android:layout\_height="25dp"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginTop="50dp"  
 android:text="First number"  
 android:textSize="20dp"** />  
  
 *<!--view messege -->* <**TextView  
 android:id="@+id/textView\_second\_no"  
 android:layout\_width="150dp"  
 android:layout\_height="25dp"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginTop="100dp"  
 android:text="Second number"  
 android:textSize="20dp"** />  
  
 *<!-- take input for second number -->* <**EditText  
 android:id="@+id/editText\_second\_no"  
 android:layout\_width="150dp"  
 android:layout\_height="40dp"  
 android:layout\_marginLeft="200dp"  
 android:layout\_marginTop="90dp"  
 android:inputType="number"  
 tools:ignore="MissingConstraints"** />  
  
 *<!-- button for run add logic and view result -->* <**Button  
 android:id="@+id/add\_button"  
 android:layout\_width="100dp"  
 android:layout\_height="50dp"  
 android:layout\_marginLeft="110dp"  
 android:layout\_marginTop="200dp"  
 android:text="ADD"** />  
  
</**RelativeLayout**>