**Activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>

<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">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Sum of Numbers"

android:gravity="center"

android:id="@+id/textView" />

<EditText

android:id="@+id/num1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/textView"

android:layout\_alignParentStart="true"

android:layout\_marginStart="29dp"

android:layout\_marginTop="40dp"

android:ems="10"

android:hint="Enter First Number"

android:inputType="number" />

<Button

android:id="@+id/btn1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/num1"

android:layout\_alignStart="@+id/num1"

android:layout\_marginTop="47dp"

android:text="Show Sum" />

<EditText

android:id="@+id/num2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/num1"

android:layout\_alignStart="@+id/num1"

android:ems="10"

android:hint="Enter Second Number"

android:inputType="number" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/showsum"

android:text="Answer"

android:layout\_below="@+id/btn1"

android:layout\_marginTop="19dp" />

</RelativeLayout>

**MainActiviy.java**

package com.example.pgadd;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

EditText num1;

EditText num2;

TextView answer;

Button btn;

double num3,num4,sum;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

num1=(EditText)findViewById(R.id.num1);

num2=(EditText)findViewById(R.id.num2);

answer=(TextView) findViewById(R.id.showsum);

btn=(Button)findViewById(R.id.btn1);

btn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

String value1=num1.getText().toString();

String value2=num2.getText().toString();

int a = Integer.parseInt(value1);

int b = Integer.parseInt(value2);

int sum = a+b;

answer.setText(Integer.toString(sum));

Toast.makeText(getApplicationContext(), String.valueOf(sum), Toast.LENGTH\_LONG).show();

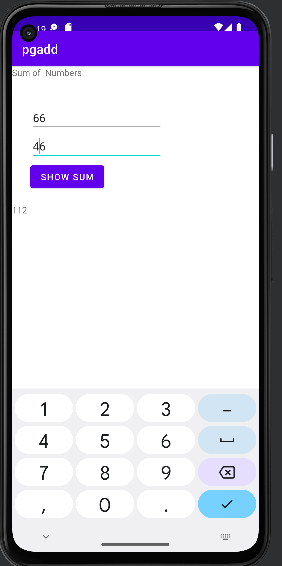
}

});

}

}

**Output**

****