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package com.example.firstandroidapp;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.*;

public class Calculator extends AppCompatActivity {
    TextView tvNum1, tvNum2, tvDisplay;
    EditText txtNum1, txtNum2;
    Button btnAdd, btnSub;

    protected void onCreate (Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_calculator);

        //binding UI to java widgets

        tvNum1 =findViewById(R.id.tvNum1);
        txtNum1 =findViewById(R.id.tvNum1);

        tvNum2 =findViewById(R.id.tvNum2);
        txtNum2 =findViewById(R.id.tvNum2);

        tvDisplay =findViewById(R.id.tvDisplay);
        btnAdd =findViewById(R.id.btnAdd);
        btnSub =findViewById(R.id.btnSub);

        btnAdd.setOnClickListener(new View.OnClickListener () {
            public void onClick (View v) {
                int num1 = Integer.parseInt(txtNum1.getText()+"");
                int num2 = Integer.parseInt(txtNum2.getText()+"");

                int sum=num1+num2;
                tvDisplay.setText("The sum is "+ sum);

                Toast.makeText(getApplicationContext(),"The sum is
"+sum,Toast.LENGTH_LONG).show();

            }
        }); //end of onClick
    }
}

```