PROGRAM NO :3

AIM: Implementing basic arithmetic operations of a simple calculator.
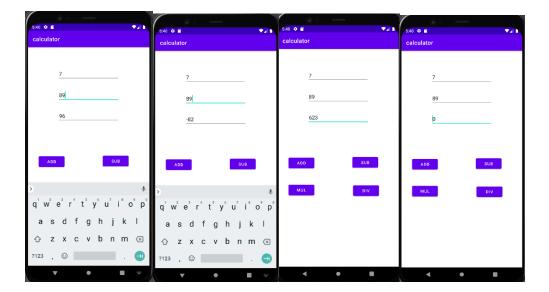
PROGRAM CODE:

Mainactivity.java	<pre>package com.example.calculator;
	
	import androidx.appcompat.app.AppCompatActivity;
	
	import android.os.Bundle;
	import android.view.View;
	import android.widget.EditText;
	
	public class MainActivity extends AppCompatActivity {
	    EditText num1,num2,result;
	    int n1,n2;
	    String s1,s2,s3;
	    @Override
	    protected void onCreate(Bundle savedInstanceState) {
	        super.onCreate(savedInstanceState);
	        setContentView(R.layout.activity_main);
	    }
	    public void getNum()
	    {
	        num1 = (EditText) findViewById(R.id.fn);
	        num2 = (EditText) findViewById(R.id.sn);
	        result = (EditText) findViewById(R.id.res);
	        s1 = num1.getText().toString();
	        s2 = num2.getText().toString();
	    }
	    public void sum(View v)
	    {
	        getNum();
	        n1 = Integer.parseInt(s1);
	        n2 = Integer.parseInt(s2);
	        s3 = String.valueOf(n1+n2);
	        result.setText(s3);
	    }
	    public void sub(View v)
	    {
	        getNum();
	        n1 = Integer.parseInt(s1);
	        n2 = Integer.parseInt(s2);
	        s3 = String.valueOf(n1-n2);
	        result.setText(s3);
	    }
	    public void mul(View v)
	    {
	        getNum();
	        n1 = Integer.parseInt(s1);</pre>

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            n2 = Integer.parseInt(s2);
            s3 = String.valueOf(n1*n2);
            result.setText(s3);
        }
        public void div(View v)
        {
            getNum();
            n1 = Integer.parseInt(s1);
            n2 = Integer.parseInt(s2);
            s3 = String.valueOf(n1/n2);
            result.setText(s3);
        }
    };
```

OUTPUT:

RESULT

Program Has Been Succesfully Executed And Output Is Obtained.