

SIMPLE CALCULATOR APPLICATION

```
import java.util.Scanner;

public class Simple_Calculator
{
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);

        int num1,num2;
        char ch = 'y';
        //int result = 0;
        while(ch=='y' || ch=='Y')
        {
            System.out.println("Enter the first number :");           // reading 1st num
            num1 = sc.nextInt();

            System.out.println("Enter the second number :");           // reading 2nd num
            num2 = sc.nextInt();

            System.out.println("Enter the operation to be performed (+,-,*,/,%)");
            //reading the operation
            String operation;
            operation = sc.next();
            calculate(num1,num2,operation);           // calling the calculator() function
            System.out.println("Do you want to perform another operation ? y/n ");
            ch = sc.next().charAt(0);
        }
        sc.close();
    }

    public static void calculate(int num1,int num2,String operation)
    {
```

```
int result = 0;

try {
    if(operation.equals("+"))
    {
        result = num1 + num2 ;
        System.out.println(result);
    }
    else if(operation.equals("-"))
    {
        result = num1 - num2 ;
        System.out.println(result);
    }
    else if(operation.equals("*"))
    {
        result = num1 * num2 ;
        System.out.println(result);
    }
    else if(operation.equals("/"))
    {
        result = num1 / num2 ;
        System.out.println(result);
    }
    else if(operation.equals("%"))
    {
        result = num1 % num2;
        System.out.println(result);
    }
    else
    {
        System.out.println("Invalid Opeartion");
    }
}
```

```
        catch(Exception e)
        {
            System.out.println(e); // exception throws if any
        }
    }
}
```