1. The Solution is for the Arithmetic Calculator program given in the phase1->lesson1
2. Git URL :

<https://github.com/Yasser-Alsubhi/Yasir-Alsubhi-JFS-SDA/blob/master/Phase1/Lesson1/Caluc/calculator.java>

1. Path :

Yasir-Alsubhi-JFS-SDA/Phase1/Lesson1/Caluc

* Copy of the code will be in the next page.
* Also, I include screen shots of the Output.
* Regard the clarity of the code, I found that no need to add comments.

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package calc;

import java.util.Scanner;

public class calculator {

public static void main(String[] args) {

@SuppressWarnings("resource")

Scanner in = new Scanner(System.in) ;

double value1 = 0 ;

double value2 = 0 ;

double result = 0 ;

String op = null ;

System.out.print("Enter the First Value: ");

value1 = in.nextDouble();

System.out.print("Enter the Second Value: ");

value2 = in.nextDouble();

System.out.print("Enter the Operation: ");

op = in.next();

if(op.equals("+")){

result = Add(value1,value2);

System.out.print("The answar is : "+result);

}else if(op.equals("-")){

result = Sub(value1,value2);

System.out.print("The answar is : "+result);

}else if(op.equals("\*")){

result = Mult(value1,value2);

System.out.print("The answar is : "+result);

}else if(op.equals("/")){

result = Div(value1,value2);

System.out.print("The answar is : "+result);

}else

{

System.out.println("Invalid Operation!!!");

}

}

// Adding

static double Add(double x, double y) {

double z = x + y;

return z;

}

// Subtraction

static double Sub(double x, double y) {

double z = x - y;

return z;

}

// Multiplication

static double Mult(double x, double y) {

double z = x \* y;

return z;

}

// Division

static double Div(double x, double y) {

double z = x / y;

return z;

}

}