**Create an Arithmetic Calculator**

**Program:**

**package** java\_assignment;

**import** java.util.Scanner;

**public** **class** CalculatorWorking {

**public** **static** **void** main(String[] args) {

**char** operator;

Double n1, n2, result;

Scanner input = **new** Scanner(System.***in***);

System.***out***.println("Choose an operator: +,-.\*,% or /");

operator = input.next().charAt(0);

System.***out***.println("Enter two numbers number");

n1 = input.nextDouble();

n2 = input.nextDouble();

**switch** (operator) {

**case** '+':

result = n1 + n2;

System.***out***.println( "Addtion of two numbres are "+ n1 + " + " + n2 + " = " + result); // addition

**break**;

**case** '-':

result = n1 - n2;

System.***out***.println("Subtraction of two numbres are "+n1 + " - " + n2 + " = " + result); // subtraction

**break**;

**case** '\*':

result = n1 \* n2;

System.***out***.println("Multiplication of two numbres are "+n1 + " \* " + n2 + " = " + result); // multiplication

**break**;

**case** '%':

result = n1 / n2;

System.***out***.println("Division of two numbres are "+n1 + " / " + n2 + " = " + result); //division

**break**;

**case** '/':

result = n1 % n2;

System.***out***.println("Modulus of two numbres are "+n1 + " % " + n2 + " = " + result); //modulus

**break**;

**default**:

System.***out***.println("Invalid operator!");

**break**;

}

input.close();

}

}

OUTPUT:

Choose an operator: +,-.\*,% or /

\*

Enter two numbers number

5

9

Multiplication of two numbres are 5.0 \* 9.0 = 45.0