import java.util.Scanner;

class Main {

public static void main(String[] args) {

char operator;

Double number1, number2, result;

// create an object of Scanner class

Scanner input = new Scanner(System.in);

// ask users to enter operator

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

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

// ask users to enter numbers

System.out.println("Enter first number");

number1 = input.nextDouble();

System.out.println("Enter second number");

number2 = input.nextDouble();

switch (operator) {

// performs addition between numbers

case '+':

result = number1 + number2;

System.out.println(number1 + " + " + number2 + " = " + result);

break;

// performs subtraction between numbers

case '-':

result = number1 - number2;

System.out.println(number1 + " - " + number2 + " = " + result);

break;

// performs multiplication between numbers

case '\*':

result = number1 \* number2;

System.out.println(number1 + " \* " + number2 + " = " + result);

break;

// performs division between numbers

case '/':

result = number1 / number2;

System.out.println(number1 + " / " + number2 + " = " + result);

break;

default:

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

break;

}

input.close();

}

}