import java.util.Scanner;

public class ArithmeticCalculator {

public static void main(String[] args) {

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

System.***out***.print("Enter the first number: ");

double num1 = scanner.nextDouble();

System.***out***.print("Enter the second number: ");

double num2 = scanner.nextDouble();

System.***out***.print("Enter the operator (+, -, \*, /,%): ");

char operator = scanner.next().charAt(0);

double result = 0.0;

switch (operator) {

case '+':

result = num1 + num2;

break;

case '-':

result = num1 - num2;

break;

case '\*':

result = num1 \* num2;

break;

case '/':

if (num2 != 0) {

result = num1 / num2;

} else {

System.***out***.println("Error: Division by zero is not allowed.");

return;

}

break;

default:

System.***out***.println("Error: Invalid operator.");

return;

}

System.***out***.println("Result: " + result);;

}

}