import java.util.Scanner;

public class TwoDigitCalculator {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Input

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

int num1 = scanner.nextInt();

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

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

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

int num2 = scanner.nextInt();

// Calculation and Output

switch (operator) {

case '+':

System.out.println("Result: " + (num1 + num2));

break;

case '-':

System.out.println("Result: " + (num1 - num2));

break;

case '\*':

System.out.println("Result: " + (num1 \* num2));

break;

case '/':

if (num2 != 0) {

System.out.println("Result: " + ((double) num1 / num2));

} else {

System.out.println("Cannot divide by zero!");

}

break;

default:

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

}

scanner.close();

}

}