import java.util.Scanner;

public class switchop {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter 1st number: ");

int a = sc.nextInt();

System.out.println("Enter 2nd number: ");

int b = sc.nextInt();

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

char op = sc.next().charAt(0);

switch(op){

case '+':

System.out.println("Sum="+(a+b));

break;

case '-':

System.out.println("Difference="+(a-b));

break;

case '\*':

System.out.println("Product="+(a\*b));

break;

case '/':

if(b!=0){

System.out.println("Quotient="+(a/b));

}else{

System.out.println("Division by 0 is not possible");

}

break;

default:

System.out.println("Enter a valid operator");

}

}

}

Enter 1st number:

4

Enter 2nd number:

8

Enter an operator(+,-,\*,/)

+

Sum=12

Enter 1st number:

6

Enter 2nd number:

5

Enter an operator(+,-,\*,/)

-

Difference=1

Enter 1st number:

11

Enter 2nd number:

2

Enter an operator(+,-,\*,/)

\*

Product=22

Enter 1st number:

8

Enter 2nd number:

2

Enter an operator(+,-,\*,/)

/

Quotient=4

Enter 1st number:

9

Enter 2nd number:

0

Enter an operator(+,-,\*,/)

/

Division by 0 is not possible