

Integer Expression



An integer expression is a mathematical expression that consists of integer operands and basic arithmetic operators (addition(+), subtraction(-), multiplication(*), and division(/)).

In this problem, you are to write a program that evaluates an integer expression and outputs the result of the expression.

Input Format

The first line contains the integer expression, which consists of operands and operators.

You may assume that the input integer expression will not encounter division by zero during the evaluation of the expression. You may also assume that the number of operands, N in the integer expression will be at least 2 and not more than 50.

Refer the sample input for illustration.

Constraints

- **The operand R :** A positive integer where $(1 < R < 1000)$.
- **The operator:** An operator symbol (addition(+), subtraction(-), multiplication(*), and division(/)).

Output Format

Output the result of the integer expression after evaluation. The result should be an integer. Note that the rules of operator precedence holds.

Refer the sample output for illustration.

Sample Input 0

```
100-20*3+9/18-10
```

Sample Output 0

```
30
```

Explanation 0

The output is the result of the evaluation of the integer expression.