

Arithmetic Operators

Let's learn about Python's arithmetic operators.

First, let's read two integers:

```
a = int(raw_input())
b = int(raw_input())
```

The three basic arithmetic operators are the following:

- Addition (+)
- Subtraction (-)
- Multiplication (*)

(We'll learn about division in the next task.)

Task

Read two integers from STDIN and print three lines where:

1. The first line contains the sum of the two numbers.
2. The second line contains the difference of the two numbers (first - second).
3. The third line contains the product of the two numbers.

Input Format

The first line contains the first integer, *a*. The second line contains the second integer, *b*.

Constraints

$$1 \leq a \leq 10^{10}$$

$$1 \leq b \leq 10^{10}$$

Output Format

Print the three lines as explained above.

Sample Input

```
3
2
```

Sample Output

```
5
1
6
```

Explanation

$$3 + 2 \implies 5$$

$$3 - 2 \implies 1$$

$$3 * 2 \implies 6$$