

# Arithmetic Operators

## Problem Statement

Let's learn about Python's arithmetic operators.

First, let's read two integers:

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

Now, 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,  $a$ , and the second line contains the second integer,  $b$ .

## Constraints

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

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

## Output Format

Print three lines as explained above.

## Sample Input

```
3  
2
```

## Sample Output

```
5  
1  
6
```

## Explanation

$$3 + 2 \implies 5$$

$$3 - 2 \implies 1$$

$$3 * 2 \implies 6$$