

# Arithmetic Operators

Check [Tutorial](#) tab to know how to solve.

## Task

The provided code stub reads two integers from STDIN,  $a$  and  $b$ . Add code to 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.

## Example

$$a = 3$$

$$b = 5$$

Print the following:

```
8
-2
15
```

## 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 0

```
3
2
```

## Sample Output 0

```
5
1
6
```

## Explanation 0

$$\begin{aligned} 3 + 2 &\Rightarrow 5 \\ 3 - 2 &\Rightarrow 1 \\ 3 * 2 &\Rightarrow 6 \end{aligned}$$