Arithmetic Operators

Check Tutorial tab to know how to 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

$$3 + 2 \implies 5$$
$$3 - 2 \implies 1$$
$$3 * 2 \implies 6$$