

The World of Numbers

Given two integers, X and Y , find their sum, difference, product, and quotient.

Input Format

Two lines containing one integer each (X and Y , respectively).

Constraints

$$-100 \leq X, Y \leq 100$$

$$Y \neq 0$$

Output Format

Four lines containing the sum ($X + Y$), difference ($X - Y$), product ($X \times Y$), and quotient ($X \div Y$), respectively.

(While computing the quotient, print only the integer part.)

Sample Input

```
5
2
```

Sample Output

```
7
3
10
2
```

Explanation

$$5 + 2 = 7$$

$$5 - 2 = 3$$

$$5 * 2 = 10$$

$$5 / 2 = 2 \text{ (Integer part)}$$