
Simple Calculator

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

Given two numbers X and Y . Print the **summation** and **multiplication** and **subtraction** of these 2 numbers.

Input

Only one line containing two separated numbers X, Y ($1 \leq X, Y \leq 10^5$).

Output

Print **3** lines that contain the following in the same order:

1. " $X + Y =$ **summation** result" without quotes.
2. " $X * Y =$ **multiplication** result" without quotes.
3. " $X - Y =$ **subtraction** result" without quotes.

Example

standard input	standard output
5 10	5 + 10 = 15 5 * 10 = 50 5 - 10 = -5

Note

Be careful with spaces.