**Arithmetic**

Today, you got an assignment about arithmetic. You saw a lot of questions there with a pattern, which is just a simple arithmetic. The questions include addition, subtraction, multiplication, division, and remainder of a division.

As now you can make a basic program, you will not bother to calculate them one by one. You are given 2 numbers A and B, calculate the addition, subtraction, multiplication, division, and remainder of division of A by B.

For your reference, this is the list of operators you need

1. Addition: +
2. Subtraction: -
3. Multiplication: \*
4. Division: /
5. Modulus (remainder of division): %

**Format Input**

The input consists of two numbers in a line A and B, respectively.

**Format Output**

The output consists of 5 line each containing a number. Output with the following sequence: addition, subtraction, multiplication, division, remainder of division.

**Sample Input (standard input)**

|  |
| --- |
| 16 5 |

**Sample Output (standard output)**

|  |
| --- |
| 21  11  80  3  1 |