- **EASY**
- **Max Score: 30 Points**
-

Mathematical Operations

You are given two positive integers. You have to calculate the result of performing `+,-,*,/,%` operations on them.

Input Format

The first line of input contains two space separated integers A and B.

Output Format

The first line of the output should contain the sum of A and B.

The second line of the output should contain the difference of A and B.

The third line of the output should contain the product of A and B.

The fourth line of the output should contain the quotient of A divided by B.

The fifth line of the output should contain the remainder of A divided by B.

Example 1

Input:

8 3

Output:

11
5

```
24
2
2
```

Example 2

Input:

```
10 2
```

Output:

```
12
8
20
5
0
```

Constraints

1 <= A <= 10^3

1 <= B <= 10^3

- **Math**

My code

// in java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main

```java
{
    public static void main (String[] args) throws java.lang.Exception
    {
        //your code here
        Scanner s=new Scanner(System.in);
        int a=s.nextInt();
        int b=s.nextInt();
        System.out.println(a+b);
        System.out.println(a-b);
        System.out.println(a*b);
        System.out.println(a/b);
        System.out.println(a%b);
    }
}
```