

Cube and Square

Description

You are given two numbers n and m , you need to check if cube of n is greater than square of m .

Input

First line contains two space separated integers n and m .

Output

Print true if cube of n is greater than square of m , or else print false.

Sample Input 1

```
2 3
```

Sample Output 1

```
false
```

Hint

In the given sample test case $n = 2$ and $m = 3$, so cube of n is $2*2*2=8$ and square of m is $3*3=9$

Here cube of n is less than square of m .

Therefore Output is false

Area and Perimeter

● Ended

Description

You are given the sides of the rectangle 1: $L1$ and $B1$ and sides of the rectangle 2: $L2$ and $B2$.

You need print if area of rectangle 1 is greater than rectangle 2.

You need print if perimeter of rectangle 1 is greater than rectangle 2.

Input

The first line of each test case contains two space-separated integers $L1$, $B1$, $L2$, $B2$, the length and breadth of the rectangle 1 and the length and breadth of the rectangle 2.

Constraints

$1 \leq L1, B1, L2, B2 \leq 100$

Output

Print(Area of rectangle 1 > Area of rectangle 2)

Print(Perimeter of rectangle 1 > Perimeter of rectangle 2)

Sample Input 1

```
1 2 2 3
```

Sample Output 1

```
false  
false
```

Compare Seven Numbers

Description

- You are given seven numbers, stored in the variable with the following names

```
a, b, c, d, e, f, g
```

- You have to declare two variables, `sum1` and `sum2`, such that `sum1 = (a + b) * c` and `sum2 = (d + e + f + g)`
- Print the output of the following operation

```
sum1 > sum2
```

Input

The first and the only line of input contains the seven numbers stored in the variable with the names `a, b, c, d, e, f, g`

Output

- Print the output of the operation, given in the problem statement

Sample Input 1

```
1 2 3 4 5 6 7
```

Sample Output 1

```
false
```

Hint

In the sample test case, the value stored in the variables is as follows

```
a = 1, b = 2, c = 3, d = 4, e = 5, f = 6, g = 7
```

The value of `sum1`, as explained in the problem statement will be, `sum1 = (a + b) * c = (1 + 2) * 3 = (3) * 3 = 9`

Similarly, the value of `sum2`, as explained in the problem statement will be `sum2 = (d + e + f + g) = (4 + 5 + 6 + 7) = 22`

The operation `sum1 > sum2` will print false, as the value of `sum2` is greater than `sum1`, hence the output false

Sum & Compare

Description

- You are given five numbers, stored in the variables with the following name

```
one, two, three, four, five
```

- You have to declare another variable `sum1`, such that `sum1 = one + two + three`
- Also, you have to declare another variable `sum2`, such that `sum2 = four + five`
- Finally, you have to print the output of the following operation

```
sum1 > sum2 (This operation prints true, if sum1 is greater than sum2, else it prints false)
```

Input

The first and the only line of input contains the values stored in `one`, `two`, `three`, `four`, `five`

Output

Print the result of the operation, after finding the values of `sum1` and `sum2`, as explained in the problem statement

Sample Input 1

```
1 2 3 4 5
```

Sample Output 1

```
false
```

Hint

In the sample test case, the values stored in the variables is `one = 1`, `two = 2`, `three = 3`, `four = 4`, `five = 5`

Therefore, the value of `sum1` becomes `sum1 = one + two + three = 1 + 2 + 3 = 6`

Similarly, the value of `sum2` becomes `sum2 = four + five = 4 + 5 = 9`

Now, the result of the operation `sum1 > sum2` will be false, as `sum1 = 6` is not greater than `sum2 = 9`. Hence, the output false

Compare two Numbers

Description

- You are given two numbers stored in two variables, with the name, `num1` and `num2`
- Print the result of the following operations

```
1. num1 > num2 -> this operation prints true, if num1 is greater than num2, otherwise it prints false
2. num1 < num2 -> this operations prints true, if num1 is smaller than num2, otherwise it prints false
3. num1 == num2 -> this operation print true, if num1 is equal to num2, otherwise it prints false
```

- You have to print the result of three operations in the order as shown above

Input

- The first and the only line of input contains the values stored in `num1` and `num2`

Output

Print the result of three operations, one by one, on a new line

Sample Input 1

```
4 16
```

Sample Output 1

```
false
true
false
```

Hint

In the sample test case, the value stored in `num1` = 4 and value stored in `num2` = 16

In the first operation `num1 > num2` , 4 is not greater than 16, so we get the output as `false`

In the second operation `num1 < num2` 4 is lesser than 16, so we get the output as `true`

In the third operation `num1 == num2` , `num1` is not equal to `num2`, so we get the output as `false`

Description

- You are given two numbers, stored in variables with the names `num1` and `num2`
- Print the output of the following operation

```
num1 > num2, this prints true if num1 is greater than num2, else it prints false
```

- After this operation is performed, another number, stored in a variable with name `num3` is added to `num1`. After this, print the result of the following operation again

```
num1 > num2, this prints true if num1 is greater than num2, else it prints false
```

Input

- The first and the only line of input contains the values stored in `num1`, `num2` and `num3`

Output

Print the result of the operations given in the problem statement

Sample Input 1

```
4 8 5
```

Sample Output 1

```
false
true
```

Hint

In the sample test case, the value stored in `num1` = 4, while the value stored in `num2` = 8. The result of the operation

```
num1 > num2, such that 4 is not greater than 8, so the output is false
```

After this step, the value stored in `num3` = 5, is added to `num1`, so the value stored in `num1` becomes `num1 = num1 + num3 = 4 + 5 = 9`

Therefore, the result of the operation

```
num1 > num2, such that 9 is greater than 8, is true, so the output is true the second time
```

Update & Compare

● Ende

Description

- You are given two numbers, stored in variables with the names `num1` and `num2`
- Print the output of the following operation

```
num1 > num2, this prints true if num1 is greater than num2, else it prints false
```

- After this operation is performed, another number, stored in a variable with name `num3` is added to `num1`. After this, print the result of the following operation again

```
num1 > num2, this prints true if num1 is greater than num2, else it prints false
```

Input

- The first and the only line of input contains the values stored in `num1`, `num2` and `num3`

Output

Print the result of the operations given in the problem statement

Sample Input 1

```
4 8 5
```

Sample Output 1

```
false
true
```