

FEC-05

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**Question 1**  
Correct  
Marked out of 1.00  
☐ Flag question

Goki recently had a breakup, so he wants to have some more friends in his life. Goki has  $N$  people who he can be friends with, so he decides to choose among them according to their skill set  $T[i] = \{t_1, t_2, \dots, t_n\}$ . He wants atleast  $X$  skills in his friends. Help Goki find his friends.

### INPUT

First line contains a single integer  $X$  - denoting the minimum skill required to be Gold's friend. Next line contains one integer  $Y$  - denoting the skill of the person

OUTPUT

Drive if he can be friend with Goki, 'YES' (without quotes) if he can be friends with Goki else 'NO' (without quotes).

## CONSTRAINTS

1 ≤ N ≤ 100000

 $1 \leq x, y \leq 1000000$ 

SAMPLE

100 718

SAR

YES

**SAMPLE INPUT 2**

100 00

SAI  
NO

225

Answer: [penalty regime: 0 %]

```
#include <stdio.h>
```

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1

SCHEM. 2

```
const("Edin", 6y);
```

 $\frac{dF}{dy} = 0$ 

```
printf("YES");
```



6288

11

5

1

	input	Expected	Got	
✓	100 100	YES	YES	✓
✓	100 99	NO	NO	✓

Passed all tests! ✓

REC-05

Question 2  
Correct  
Marked out of 5.00  
Flag question

Before the outbreak of corona virus to the world, a meeting happened in a room in Wuhan. A person who attended that meeting had COVID-19 and no one in the room knew about it! So everyone started shaking hands with everyone else in the room as a gesture of respect and after meeting unfortunately everyone got infected. Given the fact that any two persons shake hand exactly once, Can you tell the total count of handshakes happened in that meeting? Say no to shakehands. Regularly wash your hands. Stay Safe.

Input Format:  
Read an Integer N, the total number of people attended that meeting.

Output Format:  
Print the number of handshakes.

Constraints:  
 $0 < N < 100$

SAMPLE INPUT 1  
1

SAMPLE OUTPUT  
0

SAMPLE INPUT 2  
2

SAMPLE OUTPUT 2  
1

Explanation: Case 1: The lonely board member shakes no hands, hence 0. Case 2: There are 2 board members, 1 handshake takes place.

Answer: (priority: 100%, 0 %)

```
#include <iostream>
using namespace std;
int main()
{
    int n;
    cin >> n;
    cout << (n*(n-1)/2);
    return 0;
}
```

Input	Expected	Got
1	0	0
2	1	1

Passed all tests!

Question 3  
Correct  
Marked out of 7.00

In our school days, all of us have enjoyed the Games period. Raghu loves to play cricket and is Captain of his team. He always wanted to win all cricket matches. But only one last Games period is left in school now. After that he will pass out from school. So, this match is very important to him. He does not want to lose it. So he has done a lot of planning to make sure his team wins. He is worried about only one opponent - Jatin, who is very good batsman. Raghu has figured out 3 types of bowling techniques, that could be most beneficial for dismissing Jatin. He has given points to each of the 3 techniques. You need to tell him which is the maximum point value, so that Raghu can select best technique. 3 numbers are given in Input. Output the maximum of these numbers.



On our school days, all of us have enjoyed the Games period. Raghav loves to play cricket and is Captain of his team. He always wanted to win all cricket matches. But only one test Games period is left in school now. After that he will pass out from school. So, this match is very important to him. He does not want to lose it. So he has done a lot of planning to make sure his team wins. He is worried about only one opponent - Jatin, who is very good batsman. Raghav has figured out 3 types of bowling techniques, that could be most beneficial for dismissing Jatin. He has given points to each of the 3 techniques. You need to tell him which is the maximum point-value, so that Raghav can select best technique. 3 numbers are given in input. Output the maximum of these numbers.

Input:

Three space separated integers.

Output:

Maximum integer value

SAMPLE INPUT

8 6 1

SAMPLE OUTPUT

8

Explanation: Out of given numbers, 8 is maximum.

```
#include <stdio.h>
int main()
{
    int a,b,c,x;
    scanf("%d",&a);
    scanf("%d",&b);
    scanf("%d",&c);
    x=a;
    if(b>x)
    {
        x=b;
    }
    if(c>x)
    {
        x=c;
    }
    printf("%d\n",x);
    return 0;
}
```

Passed all tests! ✓