

Quick navigation

1

2

3

View one page at a time

Print answer

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Question 1
Correct
Submitted on 01/10/2024
100%
100%
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Goku recently had a breakup, so he wants to have some more friends in his life. Goku has N people who he can be friends with, so he decides to choose among them according to their skills (as N is even). He wants atleast X skills in his friends. Help Goku find his friends.

INPUT
First line contains a single integer N , denoting the minimum skill required as he Goku's friend. Next line contains one integer X denoting the skill of the person.
.
OUTPUT
Print if he can be friends with Goku, "YES" (without quotes) if he can be friends with Goku else "NO" (without quotes).
.
CONSTRAINTS
 $1 \leq N \leq 100000$
 $1 \leq X \leq 100000$
SAMPLE INPUT 1
100 110
SAMPLE OUTPUT 1
YES
SAMPLE INPUT 2
100 65
SAMPLE OUTPUT 2
NO

Answer: (penalty regime: 0 %)

```
1 #include <stdio.h>
2 int main () {
3     int n, x;
4     scanf("%d %d", &n, &x);
5     if (n >= 2 * x) {
6         printf("YES\n");
7     } else {
8         printf("NO\n");
9     }
10 }
```

	Input	Expected	Got	
✓	100 110	YES	YES	✓
✓	100 65	NO	NO	✓

Passed all test! ✓

Question 2
Correct
Submitted on 01/10/2024
100%
100%
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Before the outbreak of corona virus to the world, a meeting happened in a room in Wuzon. 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 handshake happened in that meeting? Say no to shakemands. Rapidly 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 1
0
SAMPLE INPUT 2
2
SAMPLE OUTPUT 2
1

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

Answer: (penalty regime: 0 %)

```
1 #include <stdio.h>
2 int main () {
3     int n;
4     scanf("%d", &n);
5     if (n < 2) {
6         printf("0\n");
7     } else {
8         printf("%d\n", (n * (n - 1)) / 2);
9     }
10 }
```

	Input	Expected	Got	
✓	1	0	0	✓
✓	2	1	1	✓

Passed all test! ✓

Question 3
Correct
Submitted on 01/10/2024
100%
100%
100%

In one school days, all of us have enjoyed the Games period. Raghu likes 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 - bats, who is very good batsman. Raghu has figured out 3 types of bowling techniques, that could be most beneficial for dismissing him. 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.

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.

Answer: (penalty regime: 0 %)

```
1 #include <stdio.h>
2 int main () {
3     int a, b, c;
4     scanf("%d %d %d", &a, &b, &c);
5     if (a > b & a > c) {
6         printf("%d", a);
7     } else if (b > a & b > c) {
8         printf("%d", b);
9     } else {
10        printf("%d", c);
11    }
12 }
```

	Input	Expected	Got	
✓	8 6 1	8	8	✓

Passed all test! ✓