



Description

Parliament

Program Description

An important resolution is being discussed in the Parliament. There are **N** members present in the Parliament out of which **X** members voted in favour of the resolution and the remaining voted against it.

According to the constitution, a resolution is passed if and only if half or more than half of the members present in the Parliament vote in favour of the resolution.

Determine if the resolution is passed or not.

Input Format

A single line input contains two space-separated integers N and X — the total number of members present in the Parliament and the number of members who voted in favour of the resolution.

Output Format

Output YES if the resolution is passed. Otherwise, output NO.

Constraints

$1 \leq N \leq 100$ $0 \leq X \leq N$

Input-1

12 6

Output-1

YES

Input-2

9 4

Output-2

Light

C - GCC 11.1.0 ▾

Timer 0:09 sec



```
1 #include<stdio.h>
2 int main()
3 {
4     int x,n;
5     scanf("%d %d",&n,&x);
6     if(x>=n/2.0)
7     {
8         printf("YES");
9     }
10    else
11    {
12        printf("NO");
13    }
14    return 0;
15 }
```

 Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	12 6	12 6	YES	YES	1408 KB	3.443 ms	Pass
2	9 4	9 4	NO	NO	1408 KB	2.537 ms	Pass

All hidden testcases passed



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