ICPC Assiut University Community
Newcomers Training ,Do Your Best

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HOME   TOP   CATALOG   CONTESTS   GYM   PROBLEMSET   GROUPS   RATING   EDU   API   CALENDAR   HELP

PROBLEMS   SUBMIT CODE   MY SUBMISSIONS   STATUS   STANDINGS   CUSTOM INVOCATION

E. Interval Sweep

time limit per test: 1 second❓
memory limit per test: 256 megabytes
input: standard input
output: standard output

Given two numbers a and b. You have to answer with "YES" if there is **a non-empty interval** consisting of numbers from l to r $(l, l+1, l+2, \ldots, r)$ with **a** odd numbers and **b** even numbers, or "NO" otherwise.

Input
Only one line containing two numbers a and b $(0 \le a, b \le 100)$the number of odd numbers and the number of even numbers in the interval respectively.

Output
Print "YES" or "NO" as described in the statement.

Examples

input	Copy
2 3	

output	Copy
YES	

input	Copy
3 1	

output	Copy
NO	

Note
Example 1 :

some valid intervales that contain 2 odd numbers and 3 even numbers can be

$l = 6, r = 10$ contains numbers $(6, 7, 8, 9, 10)$.

$l = 14, r = 18$ contains numbers $(14, 15, 16, 17, 18)$.

Assiut University Training – Newcomers
Public

Participant

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→ About Group

ICPC Assiut community

Group website

→ Group Contests ⌄

- Sheet #10 (General Hard)
- Sheet #9 (General medium)
- Sheet #8 (General easy)
- Sheet #7 (Recursion)
- Sheet #6 (Math - Geometry)
- Sheet #5 (Functions)
- Sheet #4 (Strings)
- Contest #3.1
- Sheet #3 (Arrays)
- Contest #2
- Sheet #2 (Loops)
- Contest #1
- Sheet #1 (Data type - Conditions)

Contest #1
Finished

Practice

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→ About Time Scaling ⌄