Employee Assignment

Run-time Limit: 1 second
Memory Limit: 32 MB

DESCRIPTION

Blangkon is a human resource administrator working for a company which has N (numbered from 1 to N) offices around the globe. One day, he was given a list of M (numbered from 1 to M) new employees. This time, his task is to distribute those new employees to all of the company offices. Each office must receive at least one new employee. On the other hand, due each of their skillset, each new employee can only be placed to some certain offices. Determine whether it is possible to assign those new employees to every offices.

INPUT FORMAT

On the first line, there will be two non-negative integer N and M. Then M line follows. For the i-th line, there will be given an non-negative integer X ($1 \leq X \leq N$) denoting the number of working site that i-th employee can be placed at. On the same line, there will be X integer Yj, denoting which office the employee can be placed at (Yj will be unique for each new employee).

OUTPUT FORMAT

If there is a possible answer satisfying the aforementioned condition, print "Yes". Otherwise print "No" (quotes for clarity).

CONSTRAINTS

$1 \leq N \leq M \leq 100$

1st INPUT EXAMPLE

```
2 3
1 1
1 1
2 1 2
```

1st OUTPUT EXAMPLE

```
Yes
```

2nd INPUT EXAMPLE

```
2 2
1 1
1 1
```

2nd OUTPUT EXAMPLE

```
No
```

EXPLANATION

On Sample 1, employee-1 and employee-2 can only be placed at office-1. But employee-3 can be placed to any office. So, the correct placement will be: employee-1 and employee-2 to office-1, and employee-3 to office-2.

On Sample 2, no employee can be place on office-2.