

[HOME](#) [TOP](#) [CONTESTS](#) [GYM](#) [PROBLEMSET](#) [GROUPS](#) [RATING](#) [API](#) [HELP](#) [CALENDAR](#)
[PROBLEMS](#) [SUBMIT CODE](#) [MY SUBMISSIONS](#) [STATUS](#) [HACKS](#) [ROOM](#) [STANDINGS](#) [CUSTOM INVOCATION](#)

## A. Vus the Cossack and a Contest

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

Vus the Cossack holds a programming competition, in which  $n$  people participate. He decided to award them all with pens and notebooks. It is known that Vus has exactly  $m$  pens and  $k$  notebooks.

Determine whether the Cossack can reward **all** participants, giving each of them at least one pen and at least one notebook.

### Input

The first line contains three integers  $n$ ,  $m$ , and  $k$  ( $1 \leq n, m, k \leq 100$ ) — the number of participants, the number of pens, and the number of notebooks respectively.

### Output

Print "Yes" if it possible to reward all the participants. Otherwise, print "No".

You can print each letter in any case (upper or lower).

### Examples

input	<a href="#">Copy</a>
5 8 6	
output	<a href="#">Copy</a>
Yes	

input	<a href="#">Copy</a>
3 9 3	
output	<a href="#">Copy</a>
Yes	

input	<a href="#">Copy</a>
8 5 20	
output	<a href="#">Copy</a>
No	

### Note

In the first example, there are 5 participants. The Cossack has 8 pens and 6 notebooks. Therefore, he has enough pens and notebooks.

In the second example, there are 3 participants. The Cossack has 9 pens and 3 notebooks. He has more than enough pens but only the minimum needed number of notebooks.

In the third example, there are 8 participants but only 5 pens. Since the Cossack does not have enough pens, the answer is "No".

### Codeforces Round #571 (Div. 2)

[Finished](#)
[Practice](#)


### → Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ACM-ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

[Start virtual contest](#)

### → Practice

You are registered for practice. You can solve problems unofficially. Results can be found in the contest status and in the bottom of standings.

### → Clone Contest to Mashup

You can clone this contest to a mashup.

[Clone Contest](#)

### → Submit?

Language: [GNU G++17 7.3.0](#)

Choose file: [Choose File](#) No file chosen

Be careful: there is 50 points penalty for submission which fails the pretests or resubmission (except failure on the first test, denial of judgement or similar verdicts). "Passed pretests" submission verdict doesn't guarantee that the solution is absolutely correct and it will pass system tests.

[Submit](#)

### → Last submissions

Submission	Time	Verdict
<a href="#">56591065</a>	Jul/05/2019 20:24	Accepted
<a href="#">56591054</a>	Jul/05/2019 20:23	Compilation error

[→ Problem tags](#) 

No tag edit access

[→ Contest materials](#)

- Announcement #1 (en) ☐
- Announcement #2 (ru) ☐
- Tutorial #1 (en) ☐
- Tutorial #2 (en) ☐

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