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A. Da pra chegar?

time limit per test: 2 seconds
 memory limit per test: 64 megabytes
 input: standard input
 output: standard output

Dado um grafo direcionado, diga se é possível sair do nó A e chegar no nó B

Input

A primeira linha da entrada contém quatro inteiros, o número de nós N ($1 \leq N \leq 10^5$), o número de arestas M ($0 \leq M \leq 10^5$), o nó que você sai A e o nó destino B .

As próximas M linhas contém dois inteiros x e y cada, indicando que existe uma aresta de x para y .

Note que o grafo é direcionado

Output

Na saída diga "SIM" caso seja possível atingir B saindo de A ou "NAO" caso contrario

Example

input	Copy
<pre>3 2 1 3 1 2 2 3</pre>	
output	Copy
SIM	

GEMA Bixos 2022

Private

Participant



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[Group website](#)

2022 - GEMA Aula 07

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 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](#)

→ Submit?

Language: GNU G++17 7.3.0 ▼

Choose file: Escolher Arquivo Nenhum...lhido

[Submit](#)

→ Last submissions

Submission	Time	Verdict
170475625	Sep/01/2022 14:53	Accepted
170475139	Sep/01/2022	Wrong answer on

	14:49	test 1
170474320	Sep/01/2022 14:40	Memory limit exceeded on test 4
170420316	Aug/31/2022 21:57	Memory limit exceeded on test 4
170420054	Aug/31/2022 21:54	Compilation error
170419699	Aug/31/2022 21:49	Memory limit exceeded on test 4
170419193	Aug/31/2022 21:42	Memory limit exceeded on test 4

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The only programming contests Web 2.0 platform
Server time: Sep/02/2022 13:59:29^{UTC-3} (k3).
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