

Same Component

Problem

Submissions

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Problem Statement

You will be given a 2D matrix of size $N \times M$ which will contain only dot(.) and minus(—) where dot(.) means you can go in that cell and minus(—) means you can't.

You can move in only 4 directions (Up, Down, Left and Right).

You will be given the indexes of two cells - $S(S_i, S_j)$ and $D(D_i, D_j)$. You need to tell if these S and D cells are in the same component or not. Same component means you can go from S to D .

Input Format

- First line will contain N and M .
- Next you will be given the 2D matrix.
- Next line will contain S_i and S_j .
- Last line will contain D_i and D_j .

Constraints

1. $1 \leq N, M \leq 10^3$
2. $0 \leq S_i, D_i < N$
3. $0 \leq S_j, D_j < M$

Output Format

- Output "YES" if those cell are in the same component, "NO" otherwise.

Sample Input 0

```
5 4
..-
---
..-
--..
....
0 1
3 2
```

Sample Output 0

```
NO
```

Sample Input 1

```
5 4
....
---.
..-.
--..
....
0 1
3 2
```

Sample Output 1

```
YES
```



Submissions: [340](#)
Max Score: 20
Difficulty: Easy

Rate This Challenge:
☆☆☆☆☆

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C++20

```
1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5
6
7 int main()
8 {
9     // Write your code here
10
11     return 0;
12 }
13
```

Line: 1 Col: 1

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