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Connected or Not

Problem Submissions Leaderboard Discussions

Problem Statement

You will be given a directed graph as input. Then you will receive Q queries. For each query, you will be given two nodes, A and B. You need to determine whether you can go from A to B directly without using any other nodes.

Input Format

- The first line will contain N and E, the number of nodes and the number of edges, respectively. The values of the nodes range from 0 to $N-1$.
- Next E lines will contain two node values which means there is a connection from first node to second node.
- The next line will contain Q.
- The following Q lines will each contain A and B.

Constraints

1. $1 \leq N \leq 10^3$
2. $1 \leq E \leq 10^6$
3. $1 \leq Q \leq 10^6$
4. $0 \leq A, B < N$

Output Format

- For each query output **YES** if it is possible to go from A to B directly without using any other nodes, **NO** otherwise. Don't forget to put a new line after each query.

Sample Input 0

```
5 6
0 1
1 2
2 3
3 4
1 4
0 2
10
0 1
1 0
2 2
2 3
```

```
0 3
3 0
1 4
4 1
4 3
1 2
```

Sample Output 0

```
YES
NO
YES
YES
NO
NO
YES
NO
NO
YES
```

Submissions: 425
Max Score: 20
Difficulty: Easy

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C++20

```cpp
#include <bits/stdc++.h>

using namespace std;


int main()
{
    // Write your code here

    return 0;
}

```

Line: 1 Col: 1

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