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Can Go?

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Problem Statement

You will be given N numbers of nodes, E numbers of edges in a graph. For each edge you will be given A, B and W which means there is a connection from A to B for which you need to give W cost. The value of nodes could be **from 1 to N**.

You will be given a source node S. Then you will be given a test case T, for each test case you will be given a destination node D and a cost DW. You need to tell if you can go to the destination from source using DW cost.

Input Format

- First line will contain N and E.

- Next E lines will contain A and B.

- Next line will contain source node S.

- Next line will contain T, the number of test cases.

- For each test case, you will get D and DW.

Constraints

1. $1 <= N <= 1000$

2. $1 <= E <= N*(N-1)$

3. $1 <= S <= N$

4. $1 <= T <= 1000$

5. $1 <= D <= N$

6. $0 <= DW <= 10^9$

Output Format

- Ouput "YES" or "NO" for each test case if it is possible to go from S to D in DW cost.

Sample Input 0

```
5 7
1 2 10
1 3 2
3 2 1
2 4 7
3 4 2
4 5 5
2 5 2
1
5
```

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

Sample Output 0

```
YES
YES
NO
YES
YES
```

Submissions: 156
Max Score: 20
Difficulty: Easy

Rate This Challenge:
☆ ☆ ☆ ☆ ☆

More

C++20   ⤢   ⚙

```cpp
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

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code

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