



Kamal's Neighbourhood - I

Problem

Submissions

Leaderboard

Discussions

Problem Statement

Kamal lives in mazenda city. In his neighbourhood there are several houses too. Some of them are directly connected to Kamal's house, and some of them are indirectly connected. But the roads are **two-way** as usual. If there are **N** houses and **E** roads in his area. Every house has a unique number from **0 to N-1**. Can you tell how many houses are directly connected to Kamal's house if his house number is **K**?

Input Format

- First line will contain **N** and **E**, the number of houses and roads respectively.
- Next **E** lines will contain **A** and **B**, means there is a road between A house and B house. You can go from A to B and also B to A.
- Next line will contain **K**, the number of Kamal's house

Constraints

1. $0 < N \leq 20$
2. $0 \leq E \leq 190$
3. $0 \leq A, B < N$
4. $0 \leq K < N$

Output Format

- Output the number of houses that are directly connected to Kamal's house.

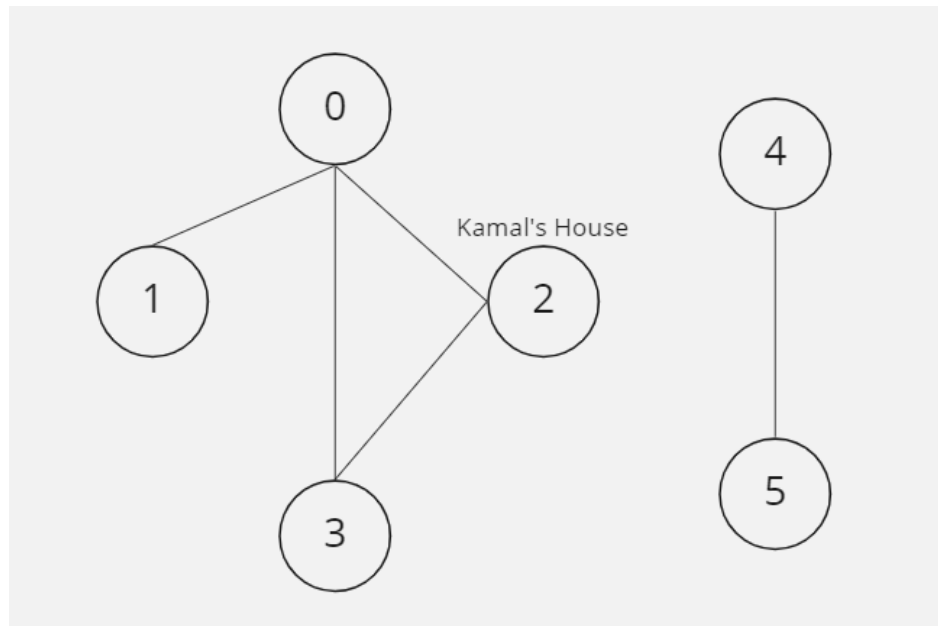
Sample Input 0

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

Sample Output 0

```
2
```

Explanation 0



So there are two houses that are directly connected to Kamal's house which are 0 and 3.

[f](#) [t](#) [in](#)

Submissions: [187](#)

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

[Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code