Connected Nodes

Problem	Submissions	Leaderboard	Discussions

Problem Statement

You will be given an undirected graph as input. Then you will be given Q queries. For each query you will be given a node X. You need to print the nodes that are connected with X in **descending** order.

Note: If there is no node connected to X, then print -1.

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 between first node and second node.

- The next line will contain Q.

- The following Q lines will each contain X.

Constraints

1. $1 \leq N \leq 10^3$

2. $1 \leq E \leq 10^6$

3. $1 \leq Q \leq 10^6$

4. $0 \leq X < N$

Output Format

- Output the nodes that are connected with X in descending order.

Sample Input 0

```
6 8
0 4
0 5
4 2
4 3
5 3
2 0
0 1
1 3
6
0
1
2
3
```

```
4
5
```

Sample Output 0

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

Sample Input 1

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

Sample Output 1

```
-1
4 1
```

Submissions: 425
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