TATA CONSULTANCY SERVICES
Experience certainty.

Welcome DEVEENA JAIN   Home   **Coding Arena**   My Submissions   Feedback

Coding Arena

<C✻deVita/>
the TCS Coding Contest

A   B   C   D   E   F

Time Left

Problem : Common Modules

A project contains **P** modules. One of the common fact about the project environment is that one module will depend upon other. Let **u–v** represents the dependency of module-**u** on module-**v**. Now given such dependencies, can you figure out the common dependencies between the **Q** given modules?

05 **56** **39**
hr   min   sec

Rules & Regulations

Input Format:

Input consists of four parts, viz.

1. First Line contains, number of modules **(N)**, number of module dependencies **(M)**
2. Next **M** lines follow, each line contains two integers **u, v**
3. Next line contains **Q**, which is number of modules between whom dependencies need to be found
4. Next line contains **Q** integers delimited by space

Output Format:

Print a single line with all the common dependencies between all the **Q** modules with modules sorted in an ascending order.
Print -1 in the case there are no common dependencies between the modules.

Constraints:

1<=N<=50

1<=M<=1000

1<=u, v<=N

1<=Q<=N

Sample Input and Output

SNo.	Input	Output
1	5 4 1 2 2 3 2 4 4 5 2 1 2	3 4 5

Note:

Please do not use package and namespace in your code. For object oriented languages your code should be written in one class.

Note:

Participants submitting solutions in C language should not use functions from <conio.h> / <process.h> as these files do not exist in gcc

Note:

For C and C++, return type of main() function should be int.

Submit Answer

☐ I , **DEVEENA JAIN** confirm that the answer submitted is my own.

[   ] Browse...   Submit