2696 - TW1TT3R

Description

Twitter is one of the most popular social networks nowadays. Each user has two user groups, their followers and and those he follows, so user can send twitts who only reach his followers, plus upload photos, share news, etc. UCI student´s organization has called for a "twittazo" by # 5HeroesCubanos and thus remove the social networks to publicize the case. Exactly N users take part in the "twittazo", conveniently numbered from 1 to N, each of them sent exactly one twitts labeled #5HeroesCubanos. Your task will be to say the id of the user who receive more times the label #5HeroesCubanos. For this, you will be given the list of M relationships where each is represented by two integers (A, B), which means that the user with id A is a follower of user with id B.

Input specification

Line 1: Two integers N and M, indicating the number of users and the number of relationships between them respectively.
Line 2...M+1: Two integers per line A and B, separated by a space, indicating the relationship.

Output specification

Line 1: The id of the user who receive more times the label #5HeroesCubanos, if there is multiple users print all them separated by exactly one space, in increasing order.

Sample input

```
5 8
1 2
1 3
2 4
3 5
2 1
1 5
4 3
5 2
```

Sample output

```
1
```

Hint(s)

1 <= N <= 1000
1 <= M <= 10^5
1 <= A,B <= N
A != B

Source	Carlos J. Figueiras Carrera
Added by	**Charlie**
Addition date	2013-12-12
Time limit (ms)	25000
Test limit (ms)	1000
Memory limit (kb)	256000
Output limit (mb)	64
Size limit (bytes)	15000
Enabled languages	Bash C C# C++ Java Pascal Perl PHP Python Ruby Text