HOME PROBLEM STATUS CONTEST > Abreto > LOGOUT

UESTC 2016 Summer Training #13 Div.2

1:59:55						5:00:00	
					-U		
Overview	Problem	Status	Rank (44)	Discuss	5		
				АВ	B C D E F G H I		
	D - D						
Time Limit:3000MS Memory Limit:0KB 64bit IO Format:%Ild & %Ilu							
					Submit Status		
Descr	iption						
						N PDF	
A Teleni	none Line C	'omnany	(TLC) is esta	hlishing a	a new telephone cable network. They are connecting several places i	101	
integers from 1 to N. No two places have the same number. The lines are bidirectional and always connect together two places and in							
each place the lines end in a telephone exchange. There is one telephone exchange in each place. From each place it is possible to							
reach through lines every other place, however it need not be a direct connection, it can go through several exchanges. From time to							
	time the power supply fails at a place and then the exchange does not operate. The officials from TLC realized that in such a case it can happen that besides the fact that the place with the failure is unreachable, this can also cause that some other places cannot connect						
	to each other. In such a case we will say the place (where the failure occured) is critical. Now the officials are trying to write a						
	program for finding the number of all such critical places. Help them.						
	Input						
	The input file consists of several blocks of lines. Each block describes one network. In the first line of each block there is the number						
	of places $N < 100$. Each of the next at most N lines contains the number of a place followed by the numbers of some places to which there is a direct line from this place. These at most N lines completely describe the network, i.e., each direct connection of two places						
in the network is contained at least in one row. All numbers in one line are separated by one space. Each block ends with a line							
containing just 0. The last block has only one line with $N = 0$.							
_							
Output							
The output contains for each block except the last in the input file one line containing the number of critical places.							
Samula Innut							
Sample Input							
5							
5 1 2	3 4						
0							
6							
2 1 3	2						
	5 4 6 2 0						
0							
Sample Output							
1	Î						
1 2							
_							
İ							

FAQ | About Virtual Judge | Forum | Discuss | Open Source Project All Copyright Reserved ©2010-2014 HUST ACM/ICPC TEAM Anything about the OJ, please ask in the forum, or contact author:Isun Server Time: 2016-07-25 13:59:54

1 of 1 07/25/2016 02:00 PM