# Jutge.org

The Virtual Learning Environment for Computer Programming

## Solitaire of the stones (2)

P52369\_en

This exercise is a variation of the exercise . The only difference in the rules of the game is that now the jumps do not make disappear the stones that have been jumped.

Write a program such that, given two configurations of a solitaire, prints if is possible to go from one to the other one.

#### Input

Input consists of a natural  $n \ge 3$ , followed by the descriptions of the two configurations, each one with *n* rows with *n* characters each one. A 'X' indicates a stone. The empty positions are indicated with a dot.

#### Output

Your program must print "1" if you can go from one configuration to the other one, or "0" if it is not possible.

31.Xx x .xx.Xx.Xx x.x xxxSample input 2Sample output 231XXX  XXX xXX1Sample input 3Sample output 340XX  XXX   XXX.   XX  XXX   XX  XX 	Sample input 1	Sample output 1
XX	3	1
XXX	.XX	
X. X.   XXX Sample input 2   3 1   XXX 1   XXX XXX	.XX	
Sample input 2 Sample output 2   3 1   XXX 1   XXX XXX   XXX XXX   XXX XXX   XXX XXX   XXX XXX   XXX XXX   XXX 0   XXX. XXX.	.x.	
Sample input 2Sample output 231XXX1XXX1XXX1XXX1XXX1XXX1XXX1XXX140XX1XXX.1XXX.1XXX.1XXX.1XXX.1XXX.1XXX.1XXX.1	XXX	
3       1         XXX       1         XXX.       1	Sample input 2	Sample output 2
XXX         XXX         XXX         XXX         XXX         XXX         XXX         XXX.	3	1
xxx       xxx     xxx       xxx     xxx       Sample input 3     Sample output 3       4     0       xx.     0       xx.     xxx       xxx.     0	XXX	
XXX XXX XXX Sample input 3 4 0 XX XXX. XXXX	 XXX	
Sample input 3     Sample output 3       4     0       xx     0       .xx.    x       xxx.    x       xxx.    x      x    x	XXX	
Sample input 3     Sample output 3       4     0       XX     0       XXX.     0	XXX	
4 0 XX .XX. X. XXX. XXX. XXX. X XX. X	Sample input 3	Sample output 3
XX .XX. XXX. XXX. XXX. X XX. X	4	0
. XX. X. XXX. XXX. X XX. XX	хх	
XXX. XXX. X XX. X	. XX.	
xxx. x xx xx	XXX.	
X XX XX	xxx.	
XX	X	
	XX	l

### **Problem information**

Author : Salvador Roura Translator : Carlos Molina Generation : 2024-05-02 19:04:08

© *Jutge.org*, 2006–2024. https://jutge.org