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## Solitaire of the stones (2)

P52369\_en

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This exercise is a variation of the exercise **SOPE1**. 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  $n \geq 3$ , 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.

#### Sample input 1

```
3
. XX
X . .
. XX

. X .
X . .
XXX
```

#### Sample input 2

```
3
XXX
. . .
XXX

XXX
. . .
XXX
```

#### Sample input 3

```
4
XX . .
. XX .
. . X .
XXX .

XXX .
. . . X
```

#### Sample output 1

```
1
```

#### Sample output 2

```
1
```

```
XX . .
. . XX
```

### Sample output 3

0

### Problem information

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