
Treasures in a map (1)

P70690_en

Write a program that, given a map with treasures and obstacles, tells if it is possible to reach some treasure from a given initial position. The allowed movements are horizontal or vertical, but not diagonal.

Input

Input begins with the number of rows $n > 0$ and the number of columns $m > 0$ of the map. Follow n rows with m characters each. A dot indicates an empty position, an 'x' indicates an obstacle, and a 't' indicates a treasure. Finally, two numbers r and c indicate the initial row and column (both of them starting at 1) where we must start looking for treasures. You can assume that r is between 1 and n , that c is between 1 and m , and that the initial position is always empty.

Output

Print "yes" or "not" depending on whether it possible or not to reach any treasure.

Sample input 1

```
7 6
..t...
..XXX.
.....
tX..X.
.X..Xt
.XX...
..t...
5 3
```

Sample output 1

```
yes
```

Sample input 2

```
4 10
..t...X...
.....X.t.
XXXXX.X...
.....X.t
4 1
```

Sample output 2

```
no
```

Sample input 3

```
5 7
.....
.XXXXXt
.X...Xt
.X.X.XX
...X.Xt
5 5
```

Sample output 3

```
yes
```

Problem information

Author : Salvador Roura

Translator : Carlos Molina

Generation : 2018-11-23 11:26:58

© *Jutge.org*, 2006–2018.

<https://jutge.org>