

## Treasures in a map (1)

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Write a program that, given a map with treasures and obstacles, indicates if is possible or not to arrive to any treasure from a given initial position. The allowed movements are horizontal or vertical, but not diagonal. If it is necessary, passing over the treasures is allowed.

### Input

Input starts with the number of rows  $n$  and the number of columns  $m$  of the map.  $n$  rows follow with  $m$  characters each one. A dot indicates an empty position, a 'X' indicates an obstacle, and a 't' indicates a treasure. Finally, a pair of numbers  $r$  and  $c$  indicates the initial row and column (both of them starting with 1) where your program must start to look for the treasures. You can suppose that  $n > 0$ , that  $m > 0$ , that  $r$  will be between 1 and  $n$ , that  $c$  will be between 1 and  $m$ , and that the initial position will be always in an empty position.

### Output

Your program must print "1" or "0" depending on if it possible or not to arrive to any treasure.

### Observation

The simplest way to solve this exercise does not use any queue.

#### Sample input 1

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

#### Sample output 1

```
1
```

#### Sample input 2

```
4 10
...t....X...
....X..t.
XXXXXX.X...
.....X.t
4 1
```

#### Sample output 2

```
0
```

#### Sample input 3

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

#### Sample output 3

```
.X.X.XX
...X.Xt
5 5
```

## Sample output 3

1

### Problem information

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