PW - F // McKenzie's Room Change

Mr. McKenzie has a layout of the entire computer science wing. At the beginning of the year he wants to change to the classroom with the largest space. He wants your help to help him find the largest room size.

Input Format
The first line will consist of two integers, N ($5<=N<=100$) and M($5<=N<=100$), where N is the number of rows and M is the number of columns. The next N lines will contain M space-separated characters. Each '#' represents a wall while each '.' represents 1 unit of empty space.

Output Format
Output the size of the largest room.

Sample Input 1:

```
8 8
# # # # # # # #
# . . . . . . #
# . . . # # # #
# . . # # . . #
# . . # . . . #
# # # # # # # #
# . . . . . . #
# # # # # # # #
```

Sample Output 1:

```
13
```