9-2. Find Square

- There is a rectangle of size N*M. Each cell is marked with a single digit number. Write a program to find the largest square in this rectangle whose vertices are all equal. In this case, the square must be parallel to the row or column.

- Input: N and M are given in the first line. N and M are natural numbers less than or equal to 50. Numbers are given to N lines starting from the second line.

- Output: Print the size of the square of the answer on the first line.

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3 5
41141
00122
42141
9
3 5
41141
22122
22341
4
3 5
41141
20122
22341
1
2 4
5334
4333
4
2 2
12
34
1
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