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MLI Areas

 by [matfah](#)

Problem

Submissions

Discussions

Dory is frantically searching the Marine Life Institute for her family, but she doesn't know where to begin. Hank suggests that she first determines the number of different areas that could be searched and the boundaries.

Dory discovers a map of the MLI on grid paper. Each spot on the grid is labeled with a number. Adjacent cells (cells that share a side - not diagonal) with the same number are considered to be in the same region.

Help Dory find the number of areas in the MLI!

<https://drive.google.com/open?id=0BxxolsFkwnDqeENUVVNDS3prOUE>

Input Format

First line contains two integers, n and m , separated by a space. The next n lines of data will each contain m positive integers separated by spaces

Constraints

 $1 \leq n, m \leq 200$

Output Format

The number of distinct regions

Sample Input 0

```
3 4
1 1 2 1
1 3 2 1
3 3 3 3
```

Sample Output 0

```
4
```

Sample Input 1

```
5 4
1 2 1 2 1
2 2 2 2 2
3 4 4 4 3
3 3 3 3 3
```

Sample Output 1

[f](#) [t](#) [in](#)



Submissions: [19](#)

Max Score: 5

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Current Buffer (saved locally, editable)  

BASH

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Run Code

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