## 2 X 2 Squares in Matrix

Find the count of **2 x 2 squares of equal chars** in a matrix.

### Input

* On the **first line**, you are given the integers **rows** and **cols -** the matrix's dimensions
* Matrix characters come at the next **rows** (space separated)

### Output

* Print the number of all the square matrices you have found

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 3 4  A B B D  E B B B  I J B B | 2 | Two 2 x 2 squares of equal cells:  A **B B** D A B B D  E **B B** B E B **B B**  I J B B I J **B B** |
| 2 2  a b  c d | 0 | No 2 x 2 squares of equal cells exist. |