## 2x2 Squares in Matrix

Find the number of all **2x2 squares containing identical chars** in a matrix. On the **first line**, you will receive **the matrix's dimensions** in format **"{rows} {columns}"**. On the next **rows** you will receive **characters**, separated by a single space. Print the **number** of **all square matrices** you have found.

### Examples

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| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 3 4  A B B D  E B B B  I J B B | 2 | Two 2x2 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 2x2 squares of equal cells exist. |
| 5 4  A A B D  A A B B  I J B B  C C C G  C C K P | 3 | Three 2x2 squares of equal cells:  **A A** B D A A B D A A B D  **A A** B B A A **B B** A A B B  I J B B I J **B B** I J B B  C C C G C C C G **C C** C G  C C K P C C K P **C C** K P |