## Matrix of Palindromes

Write a program to generate the following **matrix of palindromes** of **3** letters with **r** rows and **c** columns like the one in the examples below.

* **Rows** define the first and the last letter: row 0 🡪 ‘a’, row 1 🡪 ‘b’, row 2 🡪 ‘c’, …
* **Columns + rows** define the middle letter:
  + column 0, row 0 🡪 ‘a’, column 1, row 0 🡪 ‘b’, column 2, row 0 🡪 ‘c’, …
  + column 0, row 1 🡪 ‘b’, column 1, row 1 🡪 ‘c’, column 2, row 1 🡪 ‘d’, …

### Input

* The numbers r and c stay at the first line at the input.
* r and c are integers in the range [1…26].
* r + c ≤ 27

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 4 6 | aaa aba aca ada aea afa  bbb bcb bdb beb bfb bgb  ccc cdc cec cfc cgc chc  ddd ded dfd dgd dhd did |
| 3 2 | aaa aba  bbb bcb  ccc cdc |