## Positions Of

Write a program that reads a matrix of integers from the console, then a number and prints all the positions at which that number appears in the matrix.

The matrix definition on the console will contain a line with two positive integer numbers R and C – the number of rows and columns in the matrix – followed by R lines, each containing C numbers (separated by spaces), representing each row of the matrix.

The number you will need to find the positions of will be entered on a single line, after the matrix.

You should print each position on a single line – first print the row, then the column at which the number appears.

If the number does not appear in the matrix, print not found

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 2 3  1 2 3  4 2 2  2 | 0 1  1 1  1 2 |
| 2 3  1 -2 -3  4 -5 6  5 | not found |