

Swapping With Matrix

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

Given a matrix A of size $N * N$. Print the Matrix after doing the following operations:

1. swap row X with row Y .
2. swap column X with column Y .

Note: Solve this problem using function.

Input

First line contains three numbers N , X and Y ($1 \leq N \leq 500, 1 \leq X, Y \leq N$).

Next N lines contain N numbers ($-10^4 \leq A_{i,j} \leq 10^4$).

Output

Print the answer required above.

Example

standard input	standard output
4 3 1	1 7 7 2
1 2 3 -5	0 4 -5 3
-5 4 0 3	3 2 1 -5
7 7 1 2	5 6 40 11
40 6 5 11	