

[LAB4_6] Write a C program to transpose a matrix of integers with size n.

Input:

First line: r c indicates the numbers of rows and columns in a matrix, where $1 \leq r, c \leq 10$

Next n lines: each line consists of c integers, separating a white space, where $-100 < A[r][c] < 100$

Output:

The transposed matrix

Input sample	Output sample
3 3	1 4 7
1 2 3	2 5 8
4 5 6	3 6 9
7 8 9	