Transpose of a Matrix !!

Problem Statement

The transpose of a matrix is obtained by swapping its rows with columns. Given a matrix A of size R × C, your task is to write a program that computes its transpose matrix T, where: **T[i][j]=A[j][i]**

Input Format

- The first line contains two integers R and C, representing the number of rows and columns of the matrix.

- The next R lines contain C space-separated integers, representing the elements of the matrix.

Constraints

- $1 <= R,C <= 100$

- $-10^3 <= $ Array Element $ <= 10^3$

Output Format

- Print the transpose matrix. Each row should be printed on a new line with space-separated integers.

Sample Input 0

```
2 2
1 2
3 4
```

Sample Output 0

```
1 3
2 4
```