## **Matrix Transpose**

## **ZPRAC-16-17-Lab7**

[40 Points] Transpose a matrix
ANNOUNCEMENT: Up to 20% marks will be allotted for good programming practice. These include  - Comments for non trivial code
- Indentation: align your code properly - Use of Functions
Write a program to transpose a matrix of size m x n.
Input
Two space separated integers m (number of rows) and n (number of columns) This is followed by m rows of n space separated integers
Output
The transposed matrix(with comma separation between the numbers)
Constraints
0 < m < 100 0 < n < 100
Example
Input:
23 123
456
Output:

2,5,	
3,6,	

## Hint:

Try to imagine the 2d matrix as a 1d array and then perform the computations.

## Note:

You are not supposed to use a 2D array for this question (which will be taught at a later stage).