

National University of Computer and Emerging Sciences, Lahore Campus



Course:	OOP	Course Code:	CS217
Program:	BS(Computer Science)	Semester:	Fall2022
Duration:	15 Minutes	Total Marks:	10
Paper Date:	14-03-2021	Page(s):	1
Section:	BS-2J	Roll No.	
Exam:	Quiz-2		

- Instruction/Notes:
- Negative marks will be awarded for any suspicious activity found during/in the quiz.
 - No Extra Time will be given

Question:

Entered Matrix:

1 2 9

0 4 7

Transpose of Matrix:

1 0

2 4

9 7

`int** TransposeMatrix(int** matrix, const int& ROWS, const int& COLS)`

Decription: This function takes a matrix A, takes transpose of matrix A, saves the result in a newly created matrix and returns the result.

In Main: Dynamic allocate 2D pointer. Take input from User.

Call the TransposeMatrix

Note: You have to complete main and function. Don't change the prototype of the function.