

152112011 Computer Programming LAB - A

Quiz 3

12 April 2022


Duration: 20 Minutes

Objectives:

- C++ Programming Pointers
- C++ File name is **StudentID_Quiz3.cpp**
- **Note:** Write comments in your code for explaining steps.
- **Note:** Pay attention to the indentations in your code.
- Everyone should do it **alone**.
- Please do not cheat.

Question: Define an integer array “*arr*” with size of (4,4) and initial value of 0.

- Write a function “*replace*” that takes a pointer “*ptr*” which points to “*arr*” as input and replaces diagonal values of “*arr*” with value of 1.
- Print “*arr*” after calling “*replace*” function in main function.
- Manuel implementations WILL NOT be accepted.

Before					After			
0	0	0	0		1	0	0	1
0	0	0	0		0	1	1	0
0	0	0	0		0	1	1	0
0	0	0	0		1	0	0	1