BTP100 Lesson Outline: Week 8 Dr. Peter Liu

A. Concepts

1. Functions and Array Parameters

a) passing by address: an array name

b) formal parameter: an array parameter ([ ])

- a pointer (NOT AN ARRAY)

c) diagram: Functions\_Diagrams.docx

2. Functions and Structures

a) passing by address: the address of a structure

b) formal parameter/argument: a pointer to a structure

3. Functions and Arrays of Structures

B. Code Examples (Blackboard)

func\_array.c, funct\_struct\_array.c, demo\_A1\_strings.c

C. Video Recording of the Lecture Hours (BigBlueButton)

D. Video Clips

Part 1: Functions and Arrays [ 10 minutes]

Part 2: Functions and Structures [ 14 minutes]

<https://ict.senecacollege.ca//~peter.liu/onlineF2020/btp100/Week7_Part1_Func_Array.mp4>

<https://ict.senecacollege.ca//~peter.liu/onlineF2020/btp100/Week7_Part2%20_Func_Struct_Array.mp4>

E. Course Notes

<https://ict.senecacollege.ca/~btp100/pages/content/scope.html#pas>

<https://ict.senecacollege.ca/~btp100/pages/content/scope.html#pas>

https://ict.senecacollege.ca/~btp100/pages/content/formi.html#val