BTP100 Lesson Outline: Week 1

Programming is hard work!

Programming is like the work of a detective!

Debugging and creating C programs from written requirements are important parts of

your learning process!

A. Getting Started

1. Course website

a) Course Notes: <https://ict.senecacollege.ca/~btp100/pages/content/index.html>

b) Workshops: <https://ict.senecacollege.ca/~btp100/dynamic/workshops/index.html>

2. Blackboard

a) Welcome Announcement

b) Course Documents (Week 1)

i) Course Addendum

ii) Class Policies

iii) BTP100 Lesson Outline: Week 1

3. MS Teams channels

B. Topics

1. The Programming Environment/Tools

- install and test the software applications

- **“Getting Started with C Programming”: video clips**

<https://ict.senecacollege.ca/~btp100/pages/startup/index.html>

2. the Linux platform: the matrix server (matrix.senecacollege.ca)

- the edit-compile-execute cycle

- a text editor, a C compiler, a runtime system

- Linux commands

- Seneca security policy: Global Connect

3. the Windows platform: Visual Studio 2019 (Community Edition)

- **“Getting Started with C Programming”**:

a) <https://ict.senecacollege.ca/~btp100/pages/startup/Visual_Studio_helloWorld_demo.mp4>

b) remote file transfer

<https://ict.senecacollege.ca/~btp100/pages/startup/maxtrix_transfer_compile_run.mp4>

4. ***Research!***

- Use NotePad or NotePad++ or VS (or any text editor) to create a C program.

- How do you compile and execute/run this program?

C. Code Examples (Blackboard/Course Documents)

secondC.c

D. Video Recording of the Lecture will be available on Ms Teams as well as via link on BB

E. Course Notes

<https://ict.senecacollege.ca/~btp100/pages/content/compi.html>

F. Activity (in class task, Interactive hands-on, quick feedback questions)