

Internet Resources for Programming Foundations I (PFI) CSCE2004:

This one is like a textbook. It has many good suggestions and generally easy to read. It is well organized and easy to navigate to a particular topic.

<http://www.learncpp.com/>

This one teaches and quizzes your basic language syntax and concepts. It has a nice interface and has an app version and a web version. It requires sign up using your name and email.

<http://www.sololearn.com/>

Basic C++ program structure:

http://www.cplusplus.com/doc/tutorial/program_structure/

Variables and types: more types are covered here. We will focus on the five types for the course and you may learn other types on your own. The five types are int, double, char, string and bool.

<http://www.cplusplus.com/doc/tutorial/variables/>

Literals (values we use in our program for various types): We covered the very simple ways to represent literals, but there are way more ways in the language and use the page for your reference. It contains examples of escape as mentioned in the lecture, where we want double quote to be part of the string.

<http://www.cplusplus.com/doc/tutorial/constants/>

Operators: There are more operators than we will cover in PFI. Focus on those operators we studied in the lecture and labs and use it as a reference.

Getting user data into variables and showing data in variables:

http://www.cplusplus.com/doc/tutorial/basic_io/

Flow of control statements: Focus on if and else, while loop, for loop, break, and continue statements that we studied.

This is another nice introduction to C++ and provides a historical perspective and covers more environments to set up the editors and compilers. It tends to use “big words”, which initially might be overwhelming for the uninitiated but are technical jargons often used. It definitely has more topics than we will cover in PFI.

<http://www.tutorialspoint.com/cplusplus/>

This one contains data structures and advanced class design topics, which will be covered in PFII.

<http://www.cprogramming.com/tutorial/c++-tutorial.html>

