

# Communication Software Design

## Lab 01 cin/cout

9/20/2019

- (1) Command-line parameters: Write a program to read in the arguments/parameters from the command line. The program should be able to read all and print them out. But do not print out the command you used to invoke the program (do not print the program name).

Reference: <http://www.cplusplus.com/articles/DEN36Up4/>

- (2) Cin & Cout: Write a program which prompt a message on a screen at start, ask the user to type in data. The program will then read the data, process it and show new results. The user is asked to type in two words and followed by a floating point-number. The program should print out these two words with “-” in between and followed by the number but only the integer part.

E.g., (1)

// assume you are using command line to run the program:

>> helloworld.exe this is my first lab assignment

**Output: The arguments are: this is my first lab assignment**

>> helloworld.exe this is my second message

**Output: The arguments are: this is my second message**

E.g.,(2)

>> helloworld.exe

**Output: Please enter two words and a floating-point number.....**

>> NTUT CS 2019.12344

**Ouput: NTUT-CS 2019**

>> helloworld.exe

**Output: Please enter two words and a floating-point number.....**

>>My height 180.3553

**Ouput: My-height 180**