

CSCI 2170 Homework 1

Name _____

(Due : beginning of class, Wednesday, Jan 28th)

1. Write a C++ program, named **inorder.cc**, that reads three integer values from the user (through keyboard entry), then display the three values in descending order. For example, if the user entered 3 values: 84 3 130, the program should output the 3 values as: 130, 80, 3.
2. Write a C++ program, named **perfect.cc**, that reads an integer value from the user and determines whether the number is a perfect number or not. A perfect number is such an integer: the sum of all its positive divisors equals to the number itself. For example, number 6 is a perfect number. Its divisors are 1, 2, and 3. The sum of these divisors $1+2+3$ equals to the number 6 itself.

Electronically submit the two programs in D2L Dropbox named “Homework 1”.