**LAB:**

**For CSCI 520**

**Programming Assignment #1**

To be done in the lab

(Friday, Jan. 20, 12noon-1:40pm, JOUR 102

Turn in your work in the drop box for Assignment 1 (for Week 1) in eCollege course shell for 520 (submit lab assignment and course assignment as separately named files both to drop box for week 1).

In this assignment, you write a C++ program that computes and outputs the number with the smallest frequency (outputs both the number and its frequency) in a given list of 20 integers. Your program does not need to be efficient, but it has to be correct.

For example,

Input: 10  11  5  7  4  2  7  5  7  11  2  5  11  4  10  7  5  2  7  10

Output: 4 is the least frequent; it appears 2 times

**CSCI 520**

**Programming Assignment #1 (Weekly Course Assignment #1)**

Due: 11:59pm, Thursday, Jan. 26

Turn in your work in the drop box for Assignment 1 (for Week 1) in eCollege course shell for 520 (submit lab assignment and course assignment as separately named files both to drop box for week 1).

In this assignment, you write a C++ program that outputs all distinct numbers in a given list of elements. The input to your program is a list of 20 integers.

For example,

Input: 16  67  15  6  6  4  77  5  42  5  16  56   4  6  6  4  15  6  26  77

Output: Distinct numbers 16  67  15  6  4  77  5  42  56  26

Good Luck

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