
COM S 213 – Spring 2003

ASSIGNMENT #8: **Vectors**

DATE GIVEN: **4/12/03**

DATE DUE: **4/19/03**

PURPOSE:

To apply what we've learned about vectors and the Standard Template Library

ASSIGNMENT:

In Lecture 20 we introduced the Standard Template Library. We looked at a few different STL containers including the vector. From that lecture, and from any Java experience you have, you know that vectors are a kind of dynamic array. They are easier to deal with because all of the memory management associated with the “dynamic array” is handled for you by the container.

This assignment is, conceptually, very simple. Re-do assignment #5 using a vector in the Menu class instead of a dynamic array. Feel free to start with the posted solution for assignment #5. Half of this assignment involves you familiarizing yourself with the vector class and understanding all of its features. I will not explicitly tell you all the modifications you can and should make to assignment #5; you will be graded on your ability to understand the vector class and apply it efficiently to A5.

This assignment is due next Saturday, but feel free to turn it in in class next Thursday if you are done early. I will endeavor to post the final assignment on time next Thursday.