CMP-210 Data Structures and Algorithms
BSSE Fall 2012
Assignment - 07

Issue Date: 12-June-2014
Subm. Date: 20-June-2014
Subm. Time: 14:30:00

Objective:
- Everything can't be covered in the syllabus so to increase the learning band of this subject and to give you a confidence that after going through the rigor of this subject; you will fee confident enough to study the topics, which are not listed in syllabus.

Your task is to explore the Standard Template Library provided with C++ language.
You need to cover all the aspects of this library given at *http://en.wikipedia.org/wiki/Standard_Template_Library*.
As a first step, you may pick some book from library written specifically on STL but in addition; following pointers may help you in thorough understanding of the library.

1. *http://en.cppreference.com/w/cpp/algorithm*

2. *http://www.cplusplus.com/reference/algorithm/*

3. *http://www.cplusplus.com/reference/stl/*

Evaluation Strategy:
Every group will be responsible for following:
1. Prepare a presentation on STL focusing on STL use and architecture along with code examples.
2. There will be two from presentations from each section (Mor/Aft).
    a. One presentation will be volunteered and other will be randomly selected.
    b. Volunteered presentation weightage is 40% and randomly selected presentation weightage is 60%.
3. The presentations will held on Friday, 20th June 2014 at 14:30.

If you have any queries/confusions in preparing the presentation or evaluation strategy then feel free to discuss but discuss in time.

Hai Tawaaf-o-Hajj Ka Hangama Agar Baqi to Kya?
Kund Ho Kar Reh Gayi Momin Ki Taigh-e-Be-Nayaam
Hai Yehi Behter Illahiyaat Mein Uljha Rahe
Yeh Kitab-ul-Allah Ki Taweelaat Mein Uljha Rahe

[Extracted from Iblees ki Majlis-e-Shura : Dr. Allama Muhammad Iqbal]