- You are required to implement the functions in the attached code to work as described in the code comments. You shouldn't change the code written in the main function. The functions required to be implemented have a comment "TODO: Implement". Which are the following functions:
  - ➢ insertAt
  - ➢ search
  - ➢ remove
  - ➢ clear
  - ➢ reverse

- The assignment is an individual assignment, each student should solve it by himself and you are not allowed to solve it in groups.

- Copying won't be tolerated; if you copied from the internet or from another student you will get zero grades and will be penalized.

- Grading will be on a compiling code; i.e. a code with compilation errors will get zero grades.

Delivery:

The assignment will be delivered on Tuesday (24/12/2013) before 11:59 PM on Eng Sherif Shehata's email (sherif_mohamedhany@yahoo.com). The discussion will be on the same day as the project's discussion.

The email's subject should start with [DS_Assignment], and should contain the name of the student (as example: [DS_ Assignment] Sherif Shehata). Failure to commit to this email subject will result in grades deduction.

Good Luck ☺