Homework 2. Due: 11:59pm, Friday (February 12, 2016).

(1) Write a member function for the linked_list class, which sorts a linked list according to values of nodes.
void sort();

(2) Write a member function for the linked_list class, which removes all nodes with matched value.
void remove_all(int i);

Your program needs to take care of boundary cases, such as when the linked list is empty, etc.