**CS 32 Project 2 Report**

**Design**

The doubly linked list that I implemented for project 2 was a regular linear doubly linked list with a head and tail pointer. Inside the doubly linked list (i.e. Sequence), I defined a private struct, Node, to represent all of the nodes in the doubly linked list. Each Node struct contained a “next” pointer, to point to the next node in the list, and a “prev” pointer to point to the previous pointer in the list. The doubly linked list itself contained 3 private data members: