COMP 2355
Winter 2012
Lab #4
January 17, 2013

This lab should be submitted to your course SVN by noon on January 18 in a folder named "Lab4".

In this lab you will be creating a simple linked list structure. The linked list will have no encapsulating structure, so any functions which modify the linked list will return a pointer to the beginning of the modified structure.

1. Declare a structure for creating a linked list class storing integers.

```
struct IntegerList
{
};
```

2. Write the functions: Append, GetFrontValue, RemoveFront and Length.

```
// Appends integer to end of list and
// returns a pointer to the front of the updated list
IntegerList *Append(IntegerList *list, int value)
{
}

int GetFrontValue(IntegerList *list)
{
}

IntegerList *RemoveFront(IntegerList *list)
{
}

int Length(IntegerList *list)
{
}
```