

CSCI 2170 Spring 2011
Homework 8

Name _____

Pointer based implementation of **SortedList** class is similar to the pointer based implementation of the regular **List** class except for the **Insert** and the **Delete** member functions:

- Given a list already sorted in ascending order, **Insert** function will insert *newValue* into the list at the proper location such that after the insertion the list is still sorted in ascending order;
- Given a list already sorted in ascending order, **Delete** function will delete the node that has the value, *delValue*, to be deleted.

The function headers of the two functions in sortedList.h are shown below. Write the definition of the two functions as they appear in the implementation file.

```
class sortedListClass
{
    public:
        ...
        void Insert(ListItemType newValue, bool&success);
        void Delete(ListItemType delValue, bool&success);

    private: ...
};
```