P R O G R A M 4 G R A D I N G S H E E T

Sidney Sanders

Name:

1003

CS2020-section number

**Required portion:**

\_\_\_/2 Grade sheet filled out and uploaded to Canvas.

\_\_\_/3 Good program style is demonstrated (identifier names, function names, documentation, white-space, indentation and alignment).

\_\_\_/3 Documentation header at the top of the source file and all functions contain documentation headers.

\_\_\_/2 Photo file contains all specified commands and required files are in your class directory at the time of collection.

\_\_\_/3 All memory is deallocated as needed.

\_\_\_/7 Following functions implemented and working correctly.

\_\_\_ / 1 *createList*

\_\_\_ / 1 *appendGift*

\_\_\_ / 1 *insertNice*

\_\_\_ / 1 *printGifts*

\_\_\_ / 1 *printNiceList*

\_\_\_ / 1 *destroyGiftList*

\_\_\_ / 1 *destroyNiceList*

\_\_\_/2 Enumerated type is utilized to check **menu** option selected by user.

\_\_\_/2 Menu function should validate range entered by the user and catch if user enters “three” instead of 3. Do while loop should be used in this function.

\_\_\_/2 Nodes are added in alphabetic order by name into the nice list

\_\_\_/4 string functions find() and substring() are used to parse input from the input line (a separate function should implement this).

B O N U S

\_\_\_/5 Ability to remove a child from the list & ability to add child with gifts to the list

Memory deallocated for removed node, new memory allocated for new child,

User input read as a single line of input and then parsed out (reuse already existing code for data parsing).

\_\_\_\_ / [ 30 pts ] **Total Points Earned**