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

Sidney Sanders

Name:

1003

CS2020-section number

**Required portion:**

\_\_\_\_ [ 2 pts ] All files named correctly and collected by the BGLinux script

\_\_\_\_ [ 2 pts ] Program header and function headers contain required documentation items

\_\_\_\_ [ 2 pts ] Menu validation (function should return only valid choice back to main)

\_\_\_\_ [ 2 pts ] Main calls the menu function and other functions based on user choices

\_\_\_\_ [ 2 pts ] Add customer (check if array is full; no duplicate ids allowed)

\_\_\_\_ [ 2 pts ] Update customer (replace all data except id; validate other data)

\_\_\_\_ [ 4 pts ] Find customer (return location if found or -1; main displays details or error message)

Find function is using binary search

\_\_\_\_ [ 2 pts ] Display customer (tabular form of all customers)

\_\_\_\_ [ 2 pts ] Other than main(), each function contains documentation header

\_\_\_\_ [ 4 pts ] Program compiles and executes without errors/warnings

\_\_\_\_ [ 4 pts ] Sort function implements bubble sort

\_\_\_\_ [ 2 pts ] Demonstrates good program style (i.e., meaningful identifier names, constant declarations, use of white space and in-line comments)

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