

Advanced Programming COEN 11

Lab 2

Project 2

- ❑ Restaurant Waiting List
 - Due in week 2

Project 2

- ❑ The waiting list is created interactively with the following commands
 - 1 <name> <number>
 - Adds the *name* and *number* of people specified to the bottom of the list
 - 2 <size>
 - Removes (show and delete) oldest entry which fits the size of the table
 - 3
 - Shows the list, name and number, from oldest to newest
 - 4
 - Quits

Project 2

- ❑ Requirements
 - Global variables: 2 arrays and a counter
 - Loop forever accepting commands
 - 3 functions
 - insert, remove, and list
 - Do not allow names to repeat
 - List mechanism
 - Your list should stay in the oldest-to-newest order
 - Always insert a new entry at the bottom
 - Always shift entries up after deleting one

Project 2

□ Extra Credit

- Give the next table available to the largest entry that fits its size
 - If there are more than one with the same largest size, the oldest one should be selected
- Add a comment with an explanation of how you did it.