

# 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