

Advanced Programming COEN 11

Lab 2

Lab 2

Urgent care, Waiting List

- Due in week 2

Lab 2

The waiting list is created interactively with the following commands

- 1 <name> <dept>
 - Adds the *name* and *dept* (1, 2, 3, or 4) specified to the bottom of the list
- 2
 - Shows the list, name and dept, from oldest to newest
- 0
 - Quits

Lab 2

Requirements

- Global variables: 2 arrays and a counter
- Main: loop forever accepting commands
- 3 functions
 - main, insert, 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

Lab 2

Grading

- Pre-lab
 - Flowchart of the insert function – 10%
- In the lab
 - Demo to the TA – 30%
 - Submit your code to Camino – 60%