Advanced Programming
COEN 11

Lab 2

Lab 2

Spreadsheet

- Due in week 3

Lab 2

The spreadsheet is created interactively with the following commands

- 1 <first name> <last name> <age>
  - Adds the *first name, last name, and age* specified to the bottom of the list
- 2
  - Shows the list, first name, last name, and age, from oldest to newest
- 3 <age>
  - Shows the list first and last names of people of people with a given age
- 0
  - Quits

Lab 2

Requirements

- Global variables: 3 arrays and a counter
- Main: loop forever accepting commands
- 4 functions
  - main, insert, list, list_age
- Do not allow names to repeat (first and last)
- List mechanism
  - Your spreadsheet 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%