



Advanced Programming

COEN 11

Lab 6



Lab 6

- List of tasks
 - Use a **linked list**
 - Due in week 6



Lab 6

- Changing some functionality of Lab 5
 - The list is created interactively with the following commands
 - 1 <task> <hour> <min> <extra info according to the hour>
 - Same as lab 5, but add at the tail of the list
 - 2, 3
 - Same as lab 5
 - 4
 - Delete the oldest task in the list, the one at the head
 - 0
 - Quits



Requirements

- 6 functions
 - main, insert, list, listbytime, delete, check_duplicate
- All the functions need to change to use the list
- The list will be kept in an **oldest-to-newest** task order



More Requirements

- Global variables
 - 2 pointers: **head** and **tail**
- Functions **insert** and **delete** need to change
 - Insert at the tail
 - Delete the head



Grading

- Pre-lab
 - Test plan – 10%
- In the lab
 - Demo to the TA – 30%
 - Submit your code to Camino – 60%