

Advanced Programming COEN 11

Lab 9



Lab 9

List of tasks with File I/O

- Extension of lab 8
 - Add new list function to <u>show</u> each list backwards.
 Must do it recursively.
 - Change delete_all function to do it recursively
- Due in week 8



Menu

- 1 <task> <prio> <hour> <min> <extra info according to the hour>
 - Same as lab 8
- -2,3
 - Same as lab 8
- 4 <task>
 - Same as lab 8
- **-** 5
 - New, show the tasks in each list <u>backwards</u>, use a recursive function
- -0
- Same as lab 8, but the delete_all must be recursive



Requirements

- New list_backwards function
 - Need two functions, one to traverse the array and call the recursive function for each list

- Change delete_all function
 - Need two functions, one to traverse the array and call the recursive function for each list



More Requirements

- Create a directory for this lab
- Split your code you developed for lab 8 into 3 files
 - main.c, list.c, files.c
- Create a list.h file for the definitions and global variables
 - Include (#include) the list.h file in each .c file
 - The file containing function main should also declare and initialize the global variables.



More Requirements

 Change the makefile accordingly to help in the compilation process

Use the command make to run the makefile



Grading

- Pre-lab
 - Pseudocode for the list_backwards recursive function
 10%
- In the lab
 - Demo to the TA 30%
 - Show the TA your makefile and run the command make.
 - Show the TA that your new project executable works.
 - Show the TA that the new features work
 - Submit your code to Camino 60%
 - Zip all the .c, .h and makefile files