

Advanced Programming

COEN 11

Lab 7

Lab 7

Spreadsheet, change lab 6

Lab 7

Change option zero

➤ 0 – save and quit

- Two functions:

- A function to save all the info to the file
- A recursive function to traverse each list deleting all the nodes. It needs to be called from a loop that traverses the array. Have that in main, or in the function to save all the nodes, or create another function.

Lab 7

Change the code to save the nodes to a binary file

- The file will contain nodes
- Change save_file
 - use fwrite to write each node to the file
`fwrite (p, sizeof (NODE), 1, fp);`
- Change read_file
 - use fread to read each node from the file to a local NODE struct
`fread (&node, sizeof (NODE), 1, fp);`

Lab 7

To receive full credit

➤ Pre-lab (10%)

- Pseudo-code of the recursive function

➤ Demo (30%)

- Show the TA
 - Lists of different sizes
 - Save to file
 - Retrieve from file

➤ Submit to Camino (60%)