

# GCA202 – Linked Lists

CS 244

Look on D2L for starter code  
GCA202

# Group Class Activity

- Form into groups
  - Create a linked list class
    - Based mostly on the above
    - Nodes are people with first name and age
  - Class be able to
    - add nodes (to front)
    - **remove nodes by name**
    - **sort list alphabetically by name**
    - **print the entire list (readable)**
    - allocate and de-allocate memory correctly using constructors and destructors
    - **Suggest do *sort()* last and discuss as a group – draw pictures**

Suggest distribute work

1 write header (.h)

1 write main() for testing

1 write constructor/destructor/isEmpty

1 write addNode/Insert

1 write findName

1 write displayList

and so on, or something like that

Find way to combine at end

Only 1 submission needed per team

Put ALL group member names at beginning of EVERY source file.

When done, or out of time Submit to correct D2L dropbox