COEN 11 Lab 3

Steps

1. Open up Terminal and connect to the Linux computers:
   ssh -l username linux.dc.engr.scu.edu
2. Go to COEN 11 directory: ***cd coen11***
3. Copy the contents of lab2 into a new file: ***cp lab2.c lab3.c***
4. Edit lab3:   ***vi lab3.c***
5. Compile the file: ***gcc -o lab3 lab3.c***
6. Test your file: ***./lab3***

Requirements

2 global variables: **count**, array of structs **waitlist**

Struct to stores the **name** and **group size**

Use a struct pointer to traverse the array in each function

New functions:

    int check_duplicate(char*) ~ checks to see if a name is already in the waitlist (return 1) otherwise returns 0; called in insert function; if returns 1 does not allow insertion of the new appointment

    void search_size() ~ reads in a size (scanf) and outputs all the groups that have a group size <= that size

Demo and submit source code to Camino

When Submitting the Code…

Add comment at the top of the page with…
- Your name
- Course title
- Lab number
- Lab time and date

```
/* Emma Allegrucci
 * COEN 10
 * Lab 5
 * Monday 2:15pm
 */
```

Helpful Resources

*** "The C Programming Language, 2nd Edition" ***

C: https://devdocs.io/c/

C: https://www.tutorialspoint.com/c_standard_library/index.htm

Terminal commands:
https://cheatography.com/davechild/cheat-sheets/linux-command-line/

Vim commands: https://vim.rtorr.com/