

Name your source file: p9.c

This week we will create a Linked-List (data structure) that will consist of 4 source code files. You will be given three files that are already written: main.c, createList.c and releaseMemory.c (plus a header file prog9.h), the fourth file (called **p9.c**) **which you need to write**. To copy these files to your account, perform the following commands:

Login to your ctec.clark.edu account (i.e. the Linux server).

At the prompt, type --> mkdir prog9

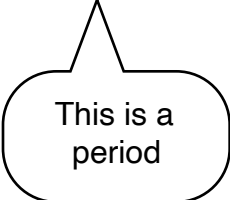
At the prompt, type --> cd prog9

At the prompt, type --> cp /home/faculty/skoss/p9_files/* .

At the prompt, type --> ls -l

You should now see the following 5 files listed:

1. createList.c
2. main.c
3. p9.c
4. prog9.h
5. releaseMemory.c



This is a period

You need to add code to the file named p9.c If you open p9.c with vi, you'll see a function definition already started as follows:

```
void print_list(PERSON *person_ptr)
{
}

```

As you can see from the function definition, you are passed a pointer (i.e. person_ptr) to a PERSON object. The pointer will be pointing at the beginning of a linked-List of PERSON objects. You need to traverse the linked-list and print the information (i.e. name & age) to the screen of each object as you traverse the list.

Use the following command to build your executable:

```
gcc main.c createFile.c p9.c releaseMemory.c
```

Use the following command to submit your **p9.c** code

```
cp p9.c /home/faculty/skoss/cse121/your_UID
```