How to install Book's libraries
on your Linux...

Go to our class web page http://www.cs.utsa.edu/~korkmaz/teaching/cs2213

Click the cslib from the textbook link under Online Materials

Get only cslibInstall.tar.bz2 and save it on your home dir

to unzip/untar it

home>   **tar jfx cslibInstall.tar.bz2**

to install it

home>   **cd cslibInstall**

home>   **./cslib.sh**

You may need to log out and log in again or open a new terminal to be able to use **gccx**

to implement/compile a program using cslib

Login to linux, type/save your program on a dir say advprog

home> **mkdir advprog**

home> **cd advprog**

home/advprog> **pico average3.c**

                --- type your program as in the box------------->

home/advprog> **gccx average3.c –o average3**

home/advprog> **average3**

```
/*
 * File: average3.c
 * ----------------
 * This program reads in three
 * floating-point numbers and
 * computes their average.
 */
#include <stdio.h>
#include "genlib.h"
#include "simpio.h"
main()
{
    double n1, n2, n3, average;
    printf("This program averages"
           " three numbers.\n");
    printf("1st number: ");
    n1 = GetReal();
    printf("2nd number: ");
    n2 = GetReal();
    printf("3nd number: ");
    n3 = GetReal();
    average = (n1 + n2 + n3) / 3;
    printf("The average is %g\n",
           average);
}
```