CS16, 10S, H03 (Etter, Chapter 1) Total Points: 50 (printable PDF)

Available online at: http://www.cs.ucsb.edu/~pconrad/cs16/10S/homework/H03

Accepted: **on paper, in lecture (1pm-1:50pm) on Monday, 04/05** in Chem 1171

Late Policy: No email submission allowed—and don't "slip it under my door". If you need to make it up, you must do so during office hours, or make an appointment to see me, and you must request this appointment within 48 hours of when the assignment was originally due.

Personal Day/Sick Day policy: Everyone is permitted one "personal day/sick day" when you get to make up a missed homework assignment for free during office hours or via appointment. After that, you may not make up the homework assignment—you can only earn back the points through extra credit opportunities.

(For more details, see the syllabus and the homework policy)

Name: (3 pts)_____ UMail address (3 pts) _____@umail.ucsb.edu

Lab Section (4 pts) Circle one: 9am 10am 11am noon crashing unknown

(Note: For now, circle the lab section you are registered for on GOLD. If you need to request attendance at a different lab section because of an ACTUAL SCHEDULE CONFLICT, please email pconrad@cs.ucsb.edu with details)

For this assignment, you need the **official textbook for this course by Delores Etter.**

If you haven't purchased it yet, please do so as soon as possible.

For the time being, you use a **copy on 2-hour loan under course reserve at the UCSB Davidson Library**.
Here's the information you need to get it. (Note that the library uses COMP016instead of CMPSC16 or CS16—I have no idea why.)

Author:	ETTER, DELORES
Title:	ENGINEERING PROBLEM SOLVING WITH C, 3RD ED. / ETTER, 2004
Call No.	Reserve Book Service, Faculty Copy QA76.73 C153 E56 2004 [2-hour Loan]
Course No	COMP016-CRD

Assignment

Read Chapter 1 in the required textbook by Delores Etter, Engineering Problem Solving with C, 3rd Edition. Then answer these questions:

Once you've read these chapters, write answers to the questions on this sheet (use the PDF link to print a copy of this if you weren't in class).

1. (8 pts) How do "machine languages" and "high-level languages" differ?

Please turn over for questions to answer

Continued from other side

2. (8 pts) What does a compiler do?

3. (8 pts) What is the meaning of the term "software life cycle"?

4. (8 pts) What is an algorithm?

5. (8 pts) What is the purpose of working a problem solution manually - the textbook calls it the "hand example" step - even though you will write a program to do the same thing?

End of H03