

Assignment 1
(Due date: 2/3/2010, Wednesday, in class)

Your name:	Grade:
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Important notice on how to submit and grade this assignment:

- Write your answers on **different papers** from this question sheet; otherwise, they will **NOT** be graded.
 - You do **NOT** have to write the question text, but you need to **write the question numbers**.
 - Put your solutions in the **same order** as the questions appear on the assignment; otherwise, **missed or misplaced** solutions will **NOT** be graded.
 - **How to Grade:**
 - The total score for the assignment is **100** points.
 - **An extra 5%** will be added to the **TYPEWRITTEN** submissions.
 - **3 points will be deducted** from your total score if you **missed any ONE** of the following (this is a *cumulative penalty*, e.g., 9 points will be taken for 1 missed name and 2 missed required blank lines):
 - **Your name and assignment number** on the top of each solution sheet/paper,
 - At least **one blank line** between solutions of adjacent questions.
- ❖ Do **NOT** use any calculators for the conversion/calculation questions.

Complete the following questions at the end of the Chapter One on pages 73—77 (the 10th Edition).

- If you *don't* have the **10th edition text**, use the handouts provided in the class.)
- Some tables/Figures from the textbook are referred in some of the questions. If you don't have textbook, check the class lecture slides (via the course website).
- Questions marked *optional* are not required in your submission. But remember:
 - They belong to the prerequisites of this course, and
 - **Similar questions might appear in the Midterm or final examinations.**
 - If you submit the solutions for them, I will only check the correctness (you will **not** receive credits for them).

- 1
- 2
- 3
- 5
- 6

- 7 (*Optional*)
 - a
 - b
 - c
- 8
- 9 (*Optional*)
- 11
- 14
- 15
- 20 (work on the code pattern—6865786D616C—instead the long one in the text)
(*Optional*)
- 26: *d, e, h, I, j, k*, and *l*. (*Optional*)
- 27 (*Optional*)
- 29: *a, c*, and *e*.
- 30
- 31
- 32: *b, c, e, f, i*, and *j*.
- 33: *a, c, e* (as for question *e*, it should be $12 + 4$ instead of $12 - 4$), and *f*.
- 34: *b, c*, and *e*.
- 35: *b, c*, and *e*.
- 36: *c* and *d*.
- 37: *b, c*, and *e*. (if you don't have the textbook, check the **Figure 1.26** from Chapter 1 lecture slides)
- 42 (**bonus: 4 points**)
- 46.
- 49.
- 51.
- 52.
- 60 (**bonus: 5 points**)