Assignment 1
(**Due date: 9/17/2009, Thursday, in class**)

Your name:	Grade:

Important notice on how to submit and grade this assignment:
- Write your answers on **different papers** from the question sheets; otherwise, they will **NOT** be graded.
- You do **NOT** have to write the question text, but you need to **write the question number** for each question.
- 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 the questions. If you don't have textbook, check the class lecture slides (via the course website).
- Questions marked are not required in your submission. But remember:
  - They belong 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* (**12 + 4** not 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**)