

## Homework 6 – Due Wednesday March 2

**You may talk to one another, you may consult any textbook, and you may talk to me.**

1. Read 4.2, 4.3 of the Parker-Baldrige book, and for each section write down FIVE-to-TEN keywords or sentences, which taken together give a very short summary of the section.
2. Do the odd-number exercises from HW 17 on p. 100, from HW 18 on p. 107.
3. Des Chiffres: The six numbers drawn are 6,2,50,6,10,2. The slot machine yields the number 571. (see the web-page for how this game is played).
4. Parenthesis challenge (use paper-and-pencil, do not use a calculator under any circumstance). Show the steps.

$$[(6^3)^2 \div (6^3 \times 6^2)]^5 \times [(6^2)^2 \times (6^0)^2] =$$

$$\{[(5^3 \times 2^2 \times 3 + 2^{11} \div 2^4 - 21 \times 44) \div 2^4 - 6^2]^3 - 2^3 \times 4^2\} \div 2^7 =$$