Today MATRIX-CHAIN-ORDER; dynamic prog.; alg. analysis. §§ 15.{2,3}; review: 2.*.
Next class Divide and conquer; §§ 4.0–4.2. §§ 15.4,5.
Reminders Newsgroup. Reading. Coding. Practice. Don't fall behind.

1. List the members of your group below. Underline your name.

2. Depict tables similar to those in Figure 15.5 of the textbook for MATRIX-CHAIN-ORDER on the following input:

matrix:	A_1	A_2	A_3	A_4	A_5
dimension:	100×30	30×100	100×30	30×70	70×10

3. (a) Provide pseudocode for binary search of an array of `int`s.
    (b) Provide a brief English explanation of why your pseudocode is correct.
    (c) Prove the correctness of your pseudocode using loop invariants, etc.