Today: rod-cutting contd.; fundamentals of alg. analysis. § 15.1; §§ 2.*.
Next class: dynamic programming contd. §§15.{2,3}; 1.*, 3.*.
Reminders: Read material before and after class. Work on exercises. Newsgroup.

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

2. Prove or disprove: If $f(n) = \Theta(g(n))$, $g(n) = \Omega(h(n))$, and $h(n) = \omega(q(n))$ then $f(n) = \Omega(q(n))$.

3. Provide pseudocode for selection sort, using the textbook’s style.
4. Sketch the proof of correctness of the pseudocode in Question 3 using loop invariants.

5. Analyze the running time of the pseudocode of Question 3 following the method used in the textbook’s analysis of insertion sort.