| COS 350 Spring 2017 Class Exercise 3 | 2 questions; 1 pgs. |
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Today: Matrix-Chain-Order; dynamic prog.; alg. analysis. §§ 15.\{2,3\}; 1.*, 3.*. Next class: Homework 01 due. dynamic programming contd. $\S \S$ 15.4,5.
Reminders: Read material before and after class. Work on exercises. Newsgroup.

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-ChainOrder on the following input:

| matrix: | $A_{1}$ | $A_{2}$ | $A_{3}$ | $A_{4}$ | $A_{5}$ |
| ---: | :---: | :---: | :---: | :---: | :---: |
| dimension: | $100 \times 30$ | $30 \times 100$ | $100 \times 30$ | $30 \times 70$ | $70 \times 10$ |

