Today: Non-context-free languages. § 2.3.
Next class: Catch-up; review. §§ 2.0–2.3.
Reminders: Homework. Reading. Newsgroup.

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

2. Are the following languages context-free? Prove your answers.

   (a) Binary strings with equal numbers of zeros and ones.

   (b) Strings composed of n as followed by $3n$ bs followed by $5n$ cs.

3. Prove or disprove each statement: The class of context-free languages is closed under (a) union. (b) intersection. (c) complementation. (d) (Kleene) star.