Today: Catch-up; review. §§ 2.0–2.3.
Next class: Catch-up; review. §§ 1.*,2.0–2.3.
Reminders: Quiz. Homework. Reading. Newsgroup.

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

2. Using the textbook's methods, provide informal and formal descriptions of a pushdown automaton that is equivalent to the following grammar G_1.

$$
\begin{aligned}
E &\rightarrow E{+}T \mid E{-}T \mid T \\
F &\rightarrow (E) \mid \texttt{i} \\
T &\rightarrow F \mid T/F \mid T{*}F
\end{aligned}
$$

3. Prove or disprove the context-freeness of each of the following languages:

   (a) $L_p = \{w \mid w \in \{a, b\}^* \text{ and } w = w^R\}$

   (b) $L_q = \bar{L}_p$