Today Synthesis of earlier material.
Next class Review.

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

2. Prove or disprove each:

   (a) If a language L is PSPACE-hard then it is NP-hard.

   (b) If a language L is NP-hard then it is PSPACE-hard.

3. Prove or disprove, as constructively as possible: $\{\mathtt{0}^k\mathtt{1}^k\mathtt{2}^k \mid k \geq 0\} \in L$ (LOGSPACE).

4. Prove or disprove: $L \subseteq P$.