Material covered: Lectures 12 - 26 (September 20 - October 30) Reading: D. Kozen *Automata and Computability*, Lectures 13 - 27 J. Hopcroft and J. Ullman *Introduction to Automata Theory*, etc., sections 2.6, 3.4, 4.1-4.2, 4.5-4.6, 5.1-5.3, 6.1-6.3.

Practice problems.

All examples and homework problems from Handouts 13-27.

From Kozen's book:

 $\begin{array}{l} {\rm p.326,\ \sharp 47bc} \\ {\rm p.328,\ \sharp 52(i)ab} \\ {\rm p.334,\ \sharp 72ac} \\ {\rm p.335,\ \sharp 76b} \\ {\rm p.336,\ \sharp 84ace,\ 85cdefkl} \end{array}$

From Hopcroft and Ullman: p.143, \$\\$6.17