Objectives:

1. Review for final exam.

Reading Assignment:

Neapolitan and Naimipour: Chapters 1-9 Review.

Contents:

1. Review. (3 hours)
CS 430: Week 15

1. Review. (3 hours)
   - Divide & Conquer Approach
   - Dynamic Programming
   - Greedy Approach & Optimization
   - Backtracking Algorithms
   - Branch & Bound Algorithms
   - Insertion Sort, Selection Sort, Merge Sort, Quick Sort, Heap Sort
   - Binary Searches
   - Breadth-first and Depth-first Searches
   - Shortest Path Algorithms (Floyd, Dijkstra)
   - Intractability and NP Problems
Handouts, etc. for Lecture: None.