IN CLASS
CLOSED BOOK (1 page of notes allowed)
Textbook chaps. 6-15, Lectures, assignments

insertion sort  linear search
selection sort  binary search
bubble sort     interpolation search
shellsort       BSTs
pointer sorting root insertion BSTs
quicksort       2-3-4 trees
mergesort       red-black trees
heapsort        randomized BSTs
binomial queues hashing
binary quicksort separate chaining
distribution counting linear probing
counting MSD radix sort double hashing
radix sort LSD radix sort tries
radix 3-way quicksort Patricia
Batcher’s mergesort skip lists

Sample question: Give the result of alg X running on input Y