

MIDTERM Wednesday March 14

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
MSD radix sort	double hashing
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