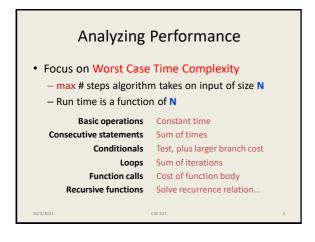
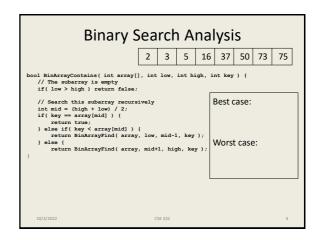


Announcements

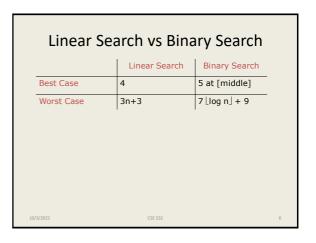
- Project #1: Released
 Due Thursday, Oct 13
- Exercise #1: Due tonight, 11:59 pm
- Reading: Weiss, for Monday and Wednesday — Priority Queues, 6.1-6.5

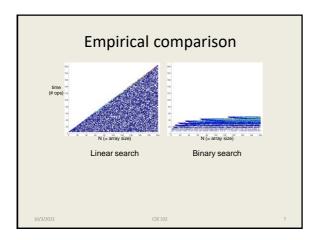
 Anticipation of the second sec

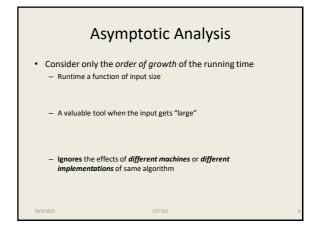


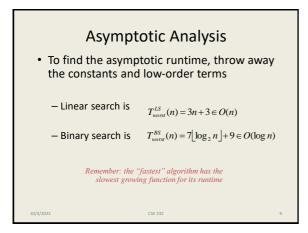


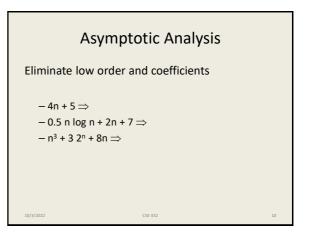
Solving Recurrences T(n) = T(n/2) + 7; T(1) = 9 Determine the recurrence relations and base cases Expand relation in terms of number of expansions k Sind a closed form by setting k to value that reduces problem to the base case

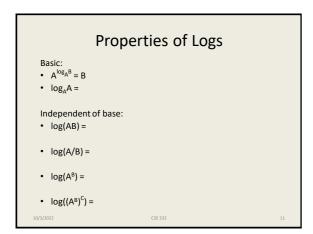


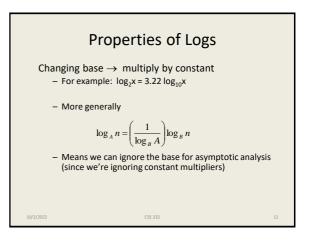


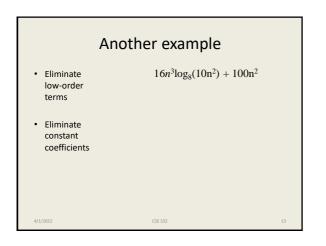


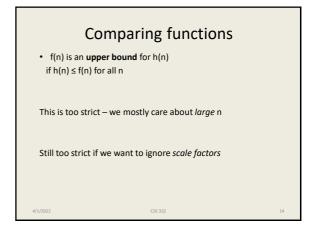


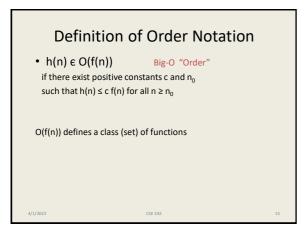


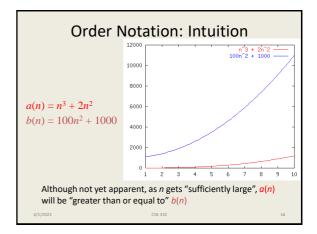


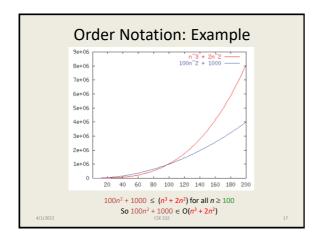


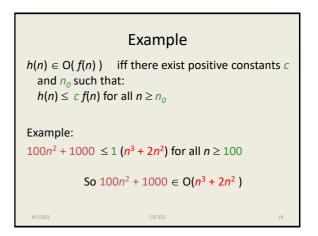


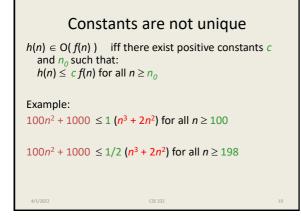


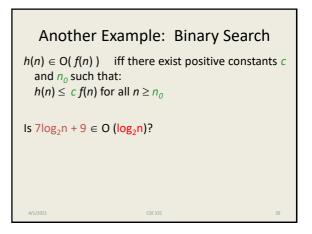


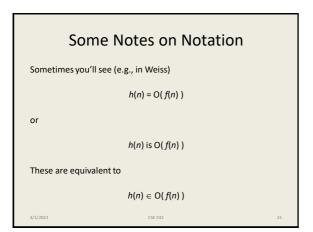


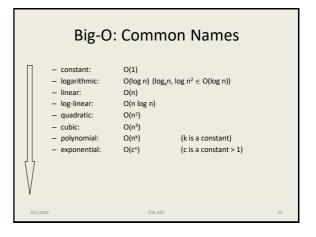


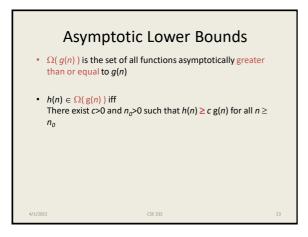


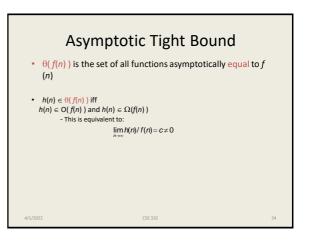


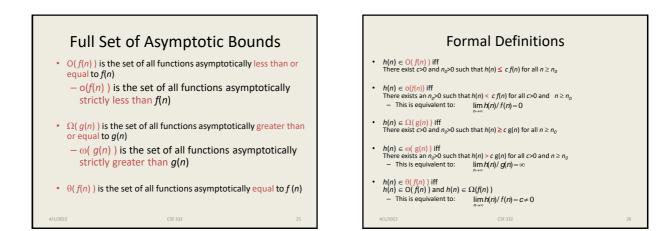












Big-Omega et al. IntuitivelyAsymptotic NotationMathematics
RelationO \leq Q \geq θ =0< ω >

