CSE2321-Autumn 2025

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Exam 2 - knowledge topics

1. Be able to prove things using induction (this type of question might appear a few times :-))

2. Be able to read code and compute Big O and Big Omega.

3. Be familiar with the common sorting algorithms (quicksort, bubblesort, mergesort) and their time complexity. Be able to show your steps on how these algos might sort an array.

4. Be able to use the master theorem & substitution method to recursively analyze an algorithm.