

CE100 Algorithms and Programming II

Week-2 (Solving Recurrences)

Spring Semester, 2021-2022

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Solving Recurrences

Outline

- Solving Recurrences
 - Recursion Tree
 - Master Method
 - Back-Substitution

- Divide-and-Conquer Analysis
 - Merge Sort
 - Binary Search
 - Merge Sort Analysis
 - Complexity

- Recurrence Solution

References

TODO