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