

CE100 Algorithms and Programming II

Solving Recurrences

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0.1 CE100 Algorithms and Programming II

0.2 Week-2 (Solving Recurrences)

0.2.0.1 Spring Semester, 2021-2022 Download DOC¹, SLIDE², PPTX³

0.3 Solving Recurrences

0.4 Outline

- Solving Recurrences
 - Recursion Tree
 - Master Method
 - Back-Substitution
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- Divide-and-Conquer Analysis
 - Merge Sort
 - Binary Search
 - Merge Sort Analysis
 - Complexity
-

- Recurrence Solution
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¹[ce100-week-2-recurrence.md_doc.pdf](#)

²[ce100-week-2-recurrence.md_slide.pdf](#)

³[ce100-week-2-recurrence.md_slide.pptx](#)

0.5 References

TODO