CE100 Algorithms and Programming II

Heap/Heap Sort

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0.2 Week-4 (Heap/Heap Sort)

0.2.0.1 Spring Semester, 2021-2022 Download DOC[1], SLIDE[2], PPTX[3]

0.3 Heap/Heap Sort

0.4 Outline

- Heaps

- Max / Min Heap

- Heap Data Structure

- Heapify

- Iterative

- Recursive

- Extract-Max

- Build Heap

\#\#
Out-
line

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[1] ce100-week-4-heap.md__doc.pdf
[2] ce100-week-4-heap.md__slide.pdf
[3] ce100-week-4-heap.md__slide.pptx

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Heap
Sort
- Pri-
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Queues
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Linked
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Radix
Sort
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Count-
ing
Sort

0.5 References

Introduction to Algorithms, Third Edition | The MIT Press[4]

http://nabil.abubaker.bilkent.edu.tr/473/

TODO

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[4]https://mitpress.mit.edu/books/introduction-algorithms-third-edition