CE100 Algorithms and Programming II

Heap/Heap Sort

Author: Asst. Prof. Dr. Uğur CORUH

## CE100 Algorithms and Programming II

## Week-4 (Heap/Heap Sort)

#### Spring Semester, 2021-2022

Download [DOC](ce100-week-4-heap.md_doc.pdf), [SLIDE](ce100-week-4-heap.md_slide.pdf), [PPTX](ce100-week-4-heap.md_slide.pptx)

## Heap/Heap Sort

## Outline

* Heaps
* Max / Min Heap
* Heap Data Structure
* Heapify
* Iterative
* Recursive
* Extract-Max
* Build Heap

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| ## Outline |
| - Heap Sort |
| - Priority Queues |
| - Linked Lists |
| - Radix Sort |
| - Counting Sort |

## References

[Introduction to Algorithms, Third Edition | The MIT Press](https://mitpress.mit.edu/books/introduction-algorithms-third-edition)

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

TODO