

# CE100 Algorithms and Programming II

## Week-4 (Heap/Heap Sort)

Spring Semester, 2021-2022

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# Heap/Heap Sort

## Outline

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

# Outline

- Heap Sort
- Priority Queues
- Linked Lists
- Radix Sort
- Counting Sort

## References

Introduction to Algorithms, Third Edition | The MIT Press

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

TODO