

CE100 Algorithms and Programming II

Week-4 (Heap/Heap Sort)

Spring Semester, 2021-2022

Download [DOC](#), [SLIDE](#), [PPTX](#)

<iframe width=700, height=500 frameBorder=0 src="../ce100-week-4-heap.md_slide.html"> </iframe>

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

TODO