

Week 3: Helpful Pointers

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1. Best, worst, average case complexities and scenarios of Quicksort. Comparison of these with other sorting algorithms
2. Dry Runs of quick sort (dry runs of other sorting algorithms, binary search are also important)
3. Linear Probing- insert several elements and resolve conflicts. That is, dry run of linear probing.
4. Linked Lists vs Arrays- what operation requires what complexity; dry runs; When to use which?
5. Stack vs Queue- complexities of different operations; code dry runs; When to use which?