**Optional Session: 2023-02-20**

**Announcements**

* 2023-02-20: Review: **Optional** Session
* 2023-02-27: Lecture 5

**Review: Lectures 1-4**

**Classification of Algorithm techniques**

* Brute Force
  + Linear search
  + Bubble sort
  + Selection sort
* Decrease and conquer
  + Binary Search
  + Insertion sort
* Divide-and-Conquer
  + pow()
  + Quick Sort
  + Merge Sort

**Data Structures & ADT**

* Arrays, Linked Lists
* Queues
* Stacks
* Hash Tables

**Analysis of Algorithm Efficiency**

* Big O Complexity
* Average case vs worst case
* Space vs Time

**Misc**

* FIFO vs LIFO
* Recursion vs Iteration
* Logarithms vs Exponential

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