# **CS 351 – DAA Lab Problems**

Divide and Conquer

<https://leetcode.com/problems/merge-two-sorted-lists/>

<https://leetcode.com/problems/merge-sorted-array/>

<https://leetcode.com/problems/merge-k-sorted-lists/>

<https://leetcode.com/problems/sort-an-array/>

Greedy

<https://leetcode.com/problems/maximum-profit-in-job-scheduling/>

<https://leetcode.com/problems/coin-change/>

<https://leetcode.com/problems/maximum-units-on-a-truck/>

<https://leetcode.com/problems/maximum-number-of-events-that-can-be-attended/>

Dynamic Programming & Graphs

<https://leetcode.com/problems/reverse-words-in-a-string/>

<https://leetcode.com/problems/shortest-path-visiting-all-nodes/>

<https://leetcode.com/problems/min-cost-to-connect-all-points/>

<https://leetcode.com/problems/network-delay-time/>

<https://leetcode.com/problems/unique-paths/>

Backtracking & String Matching

<https://leetcode.com/problems/n-queens/>

<https://leetcode.com/problems/longest-substring-without-repeating-characters/>

<https://leetcode.com/problems/longest-common-prefix/>