

Some Practice Problems:

STL

1. <https://codeforces.com/problemset/problem/381/A>
2. <https://www.hackerearth.com/practice/data-structures/trees/binary-search-tree/practice-problems/algorithm/distinct-count/>
3. <https://codeforces.com/problemset/problem/118/A>
4. <https://codeforces.com/contest/112/problem/A>
5. <https://codeforces.com/contest/855/problem/A>
6. <https://codeforces.com/contest/4/problem/C>
7. <https://codeforces.com/problemset/problem/469/A>
8. <https://codeforces.com/problemset/problem/22/A>

Recursion

1. <https://codeforces.com/group/MWSDmqGsZm/contest/223339/problem/J>
2. <https://codeforces.com/group/MWSDmqGsZm/contest/223339/problem/E>
3. <https://www.spoj.com/problems/HRECURS/en/>
4. <https://cses.fi/problemset/task/1068>
5. <https://codeforces.com/group/MWSDmqGsZm/contest/223339/problem/R>
6. <https://cses.fi/problemset/task/2165>
7. <https://codeforces.com/group/MWSDmqGsZm/contest/223339/problem/Y>

Divide-and-Conquer ([link](#))

1. <https://www.spoj.com/problems/ABACABA/en/>
2. <https://vjudge.net/problem/SPOJ-INVCNT>
3. You also need to practice the problems from the slide.

Note: Binary search can also be implemented using the divide-and-conquer method. ([link](#))

Greedy Algorithm

1. Basics of activity selection Problem
2. Basics of Fractional knapsack problem
3. <https://leetcode.com/problems/non-overlapping-intervals/solutions/91713/Java:-Least-is-Most/>
4. <https://leetcode.com/problems/minimum-number-of-arrows-to-burst-balloons/>
5. <https://vjudge.net/problem/Gym-102951B>
6. <https://cses.fi/problemset/task/1094>

7. <https://cses.fi/problemset/task/1630>
8. <https://cses.fi/problemset/task/1631>
9. [https://leetcode.com/problems/maximum-units-on-a-truck/solutions/999125/JavaPython-3-Sort-by-the-units-then-apply-greedy-algorithm./](https://leetcode.com/problems/maximum-units-on-a-truck/solutions/999125/JavaPython-3-Sort-by-the-units-then-apply-greedy-algorithm/)