1. (Stacks) <https://www.hackerearth.com/practice/data-structures/stacks/basics-of-stacks/practice-problems/algorithm/monk-and-prisoner-of-azkaban/description/>
2. Binary Search - <https://www.spoj.com/problems/AGGRCOW/>
3. Dynamic Programming: <https://www.codechef.com/JUNE13/problems/LEMOUSE>

[K-Subarrays - Dynamic Programming Problem | CodeChef](https://www.codechef.com/LTIME96B/problems/CHESUB)

Tiling Problem: [GNY07H](http://www.spoj.com/problems/GNY07H/)

1. Fenwick Tree, Offline Query:
2. <https://www.spoj.com/problems/KQUERY/>
3. <https://www.spoj.com/problems/NICEDAY/>
4. Prefix Trick, Map: <https://codeforces.com/contest/1343/problem/D>

Solution: <https://www.youtube.com/watch?v=TSUvGqRFlug>

1. XOR, Linear Equations: <https://www.codechef.com/problems/FINXOR>
2. Array of BSTs: <https://www.codechef.com/problems/ELOMAX>
3. Priority Queue: <https://www.codechef.com/problems/ANUMLA>

Solution: <https://www.quora.com/How-do-I-solve-Mahesh-and-lost-array-on-CodeChef/answer/Anveshi-Shukla?ch=10&share=dcadb0a3&srid=yTkG>

1. Min-Spanning Tree \_ Kruskal \_ Union-Find: <https://www.codechef.com/problems/SETELE>
2. DFS + DP: No of Paths b/w two given points in Directed Acyclic Graph - <https://www.spoj.com/problems/KFSTB/>
3. BFS + Sieve of Eratosthenes: [PPATH](http://www.spoj.com/problems/PPATH/)
4. DFS, Offline Query : [Contest Page | CodeChef](https://www.codechef.com/problems/ATWNT)
5. Miscellaneous:
6. Strings [Problem - C - Codeforces](https://codeforces.com/contest/1535/problem/C)

Sol = <https://www.youtube.com/watch?v=BXxhmZXHMHo>

1. Policy Based Data Structure:

<https://codeforces.com/contest/1538/problem/C>

<https://codeforces.com/contest/1538/submission/119535810>

[Ordered Set and GNU C++ PBDS - GeeksforGeeks](https://www.geeksforgeeks.org/ordered-set-gnu-c-pbds/)