**CodeCraft DSA Assignment-2**

Here’s your third assignment! The questions will still be basic to moderate and while each question can be solved in numerous ways, I’ve tried to include questions involving use of concepts of **sorting and searching** and a bit of **recursion** and simple **math** application too. (And of course a good amount of problem solving logic). Happy Coding :)

**Submission Format**: Submit individual text/word files containing codes for each of the questions and name the files appropriately. The code **must** have comments (Added to the code using “//”) adequately explaining how you have solved the problem through each line of your code. Make sure to add no extra content in the text/word file just the commented working code that you copied from the compiler.

Problem 1- <https://codeforces.com/contest/1790/problem/D>

Problem 2- [https://www.cses.fi/problemset/task/1073](https://www.cses.fi/problemset/task/1073%20)

Problem 3- [https://www.cses.fi/problemset/task/1643](https://www.cses.fi/problemset/task/1643%20)

Problem 4- <https://www.cses.fi/problemset/task/1630>

Problem 5- [https://codeforces.com/contest/1823/problem/C](https://codeforces.com/contest/1823/problem/C%20)

Problem 6- <https://codeforces.com/contest/1829/problem/D>

Problem 7- <https://codeforces.com/contest/1613/problem/C>

Problem 8- [https://codeforces.com/problemset/problem/1971/E](https://codeforces.com/problemset/problem/1971/E%20) (Bonus)