

Assignment Part-1

The following are supposed to be done by the end of this week (by next monday):

1. Install VsCode and configure successfully it in the OS you are in. It's fine if you are coding in any other text editor other than codeblocks.
2. Ensure that you have gone through the resources given. Don't worry if it seems too much. It's only for this week. You can revise the data structures next week too. .
3. Make a codeforces account and fill this form
<https://forms.gle/Jnb2wGzsXdGvEmh5A>
4. The coding assignment will be up in few days. The assignment will be on Basic number theory-based questions and Problems based on data structures.

So folks, Here are the questions links :

1. <https://codeforces.com/problemset/problem/1822/C>
2. <https://cses.fi/problemset/task/1072>
3. <https://codeforces.com/problemset/problem/1715/B>
4. <https://codeforces.com/contest/1368/problem/D> (It is fine if you can get a $O(n^2)$ algorithm, but $O(n)$ algorithm is possible.)
5. <https://codeforces.com/problemset/problem/1807/D>
6. <https://cses.fi/problemset/task/2165>
7. <https://codeforces.com/contest/1338/problem/A>

So, as a matter of fact, we want you all to do all these above 7 questions, but we know that there may not be enough time for you all to do all these. So, the assignment for this week would be to solve the first 4 questions alone. The link for google form will be here soon today. We expect you to solve all these questions and submit three things for each question, **these are your code file, a screenshot of saying accepted with the code in the pic, time complexity of the algorithm.**

Naming format: <roll number>_<question number>.cpp where roll number has to be replaced by your roll number and question number by your question number. say in case your roll number is 210050059 and question you are doing is 4th one, then name of the file must be 210050059_4.cpp.

google form link : <https://forms.gle/BvCwpCaPLdBQPBjH7>.