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Homework 1.0 CSD - Competitive Programming

1 message

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Dear students,

I am attaching Lec 1 & Lec 2 slides for your reference.

If anyone has missed Lec 2 because of BOSM.
here is the YouTube video by Rachit Jain that will teach you required STL libraries.

[[Link](#)]

Homework:

1. Simplest problem in Competitive programming. [Life, the Universe and Everthing](#)

In this problem,

- you try to learn how to parse the input.
- what happens if we run an infinite loop? Observe the errors.

Easy problems:

1. Fox and Snakes

[this is a pattern printing problem, you will learn how to deal with problems having tough implementation.]

2. Dragons

[this problem is based on `vector < pair < int, int > >` and `sorting` that we have discussed in class.]

3. Find first repeated character

[In this problem, you will learn how to use hash maps, try using `unordered_map <char, int>`]

[python users: search "dict in python" or "dictionary in python"]

[hint: `<char, int>` is `<char, frequency that you are calculating>`

so when you encounter frequency 2 for any char, that's your answer]

All the best. Try solving these problems.

Notice:

I have received many emails regarding late registration. There will be late registration and de-registration(withdraw) of any CSD course from next week. so keep checking your emails.

Thank You.

Bhavik Dhandhalya

2 attachments



Lec 1.pdf
938K



Lec 2.pdf
295K