Greedy Algorithms
Class 2

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Agenda for today's class:

- Greedy on strings (lexicographically minimum/maximum) + 1 CF que
- How to think greedily in problem which includes ranges?
- Problem 1 (**N meetings in one room**)
- Problem 2 (**Minimum number of platforms required for a railway**)
- Problem 3 (**Job Sequencing Problem**)
- Problem 4 (**Find minimum number of coins**)
- What's Next?

Greedy on strings + 1 CF que (1700 rated)

- What is lexicographically minimum/maximum?

Codeforces problem link

- Approach ->

- Code ->

- Proof of correctness ->

Problem 1

N meetings in one room

- Approach ->
- Code ->
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Problem 2

Minimum number of platforms required for a railway

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Problem 3

Job Sequencing Problem

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Problem 4

Minimum Number of Coins

- Approach ->
- Code ->
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What’s next?

- My job was to introduce you all with greedy algorithms.
- Now your job is to practice as much as you can because greedy problems does not have any fixed pattern and you will learn solving greedy just by practicing it. Generally A and B of codeforces Div 2 rounds are greedy. Do these of all previous contests.
- Thank you and best of luck 😊