Lab 2 Instructions

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Instructions

1. **Try bruteforce**
    a. What is the possible solution space?
    b. How can I check whether a solution is valid or not?
2. The problems are sorted by their expected difficulty
    a. So the suggestion is to start from A

Hints (Spoilers!)

Two Cakes

- Hint 1: Can I enumerate and check the answer directly?
- Hint 2: Can I enumerate the number of plates that contains A?

Interview

- How to avoid O(N^3)? Can we reduce the solution space?

- [Challenge] Can you think of different ways to reduce the solution space?

Kayaking

- What is the solution space? Can we reduce it?
- Consider an easier question: assume there are no single kayaks
  - Think of what the extra single kayaks add to the solution space

Weird Chess

- What is the solution space? What is its structure?
  - How can we check the validity of a potential solution?
- Is there a maximum/minimum property you can leverage?