Overview

There will be two questions, and you will have 1 hour and 15 minutes in total. You should use 1 hour for coding and reserve 15 minutes for explaining, with a maximum of 2 minutes per explanation video. Please ensure your camera is on during the explanation sessions. The Explain Solution will be available after you have submitted each assessment. Please manage your time well.

Please follow the instructions below.

1. **Introduction:**
   a. Explain the problem you'll be solving
2. **Explaining Your Approach:**
   a. Discuss your understanding of the problem.
   b. Describe your approach and potential solutions.
   c. State any assumptions you're making.
3. **Using External Resources:**
   a. You will only be allowed to use Google provided by Coderbyte for syntax or concepts.
   b. It's also okay to copy from Coderbyte, you can ignore any copy warnings it gives.
   c. Explain your searches and findings.
   d. Describe how any external code snippets fit into your solution in the video explanation
4. **Problem-Solving Skills:**
   a. The goal is to evaluate your problem-solving skills, not just the final solution.
   b. Clearly and logically articulate your thought process.
5. **Completing the Assessment:**
   a. Summarize your solution and discuss any trade-offs or alternative approaches.
   b. Mention any potential improvements or optimizations.

Evaluation Criteria:

You will be judged on:
- **Understanding of the Problem:** Comprehension of the problem and requirements.
- **Approach and Planning:** Clarity and effectiveness of your plan.
- **Communication:** How well you explain your thought process and actions.
- **Problem-Solving Skills:** Ability to handle challenges and adapt.
- **Use of Resources:** Effective use of external resources.
- **Time Management:** How you manage time between two questions.

Final Tips:
- Speak clearly and confidently.
- Share your thoughts, even if unsure—articulate your reasoning.
- Focus on demonstrating your problem-solving process.
- Only use the Google search provided by Coderbyte

Note:

Please be aware that submissions will be closely examined. The examiner will review screen recordings to ensure candidates remain focused on the screen, refrain from opening additional tabs, and do not copy and paste answers or type from another screen. The goal is to assess problem-solving skills effectively.

Good luck! We look forward to seeing your approach and solution.