Objective

Problem solving skills are an essential part of the campus interviews. Purpose of this test series is to give students a chance to

- Revise important topics and concepts
- Give tests in a timed environment
- Work on the identified areas of improvement

Evaluation Criteria

Following would be the evaluation criteria for the test series

- 25% - Tests
- 25% - Github submissions
- 50% - Mock interview at the end of the tests

Plagiarism

Any instance of cheating found would disqualify a student from the test series. Identified students would not be allowed to sit in subsequent tests and score of **0** would be given for the whole subject

Solutions

Solutions to the problem would be posted after the test in the following repository
https://github.com/kaksha-dev/problem-solving/tree/main/uca_test_series

Test Schedule

We will be updating the table with the required topic and questions to solve at least a week before the scheduled test. Test Link would be updated in the table at the day of the test.

Test Date and Timing	Test Link	Topic	Sub Topic	Questions to Solve	Notes
21-Dec-2023 2PM - 4PM (IST)		Data Structures	Stacks	https://leetcode.com/problems/valid-parentheses/description/ https://leetcode.com/problems/implement-queue-using-stacks/description/ https://www.hackerrank.com/contests/17cs1102/challenges/8-c-postfix-expression-	1. All these problems should be done in C 2. Solutions to these problems should be checked into your github account

				evaluation	
				https://leetcode.com/problems/remove-duplicate-letters/description/	
				https://leetcode.com/problems/longest-valid-parentheses/description/	
			Queues	https://leetcode.com/problems/design-circular-queue/	
				https://leetcode.com/problems/implement-queue-using-stacks/description/	
				https://leetcode.com/problems/find-maximum-non-decreasing-array-length/description/	
		C	Bitwise Operators	Complete Following 📄 Assignment_3 - Bits and Bytes	