

CORECODE CHAMPIONSHIP

EVENT OVERVIEW:

CoreCode Championship is a competitive programming event crafted to push participants through progressive levels of reasoning and implementation. The event focuses on how well participants can analyze logic, trace execution, detect faults, and build efficient solutions within limited time. It rewards clarity of thought as much as coding ability.

GENERAL GUIDELINES:

- CodeInPhase is an individual participation event conducted in two elimination rounds.
- Participants may choose from C, C++, Python, or Java.
- The use of internet, external code repositories, or AI-assisted tools is strictly prohibited.
- Any form of malpractice or code duplication will lead to immediate elimination.
- Participants are expected to manage time effectively; late submissions will not be considered.
- The organizing committee's and judges' decisions are final.

COMPETITION STRUCTURE:

ROUND 1: LOGIC, TRACE & DEBUG

Structure:

- Section A: Statement Evaluation (10 MCQs) - Participants must examine a set of programming statements and identify the one that violates correctness or logic.
- Section B: Execution Tracing (10 MCQs) - Participants analyze short programs and determine the final output produced after execution.
- Section C: Error Detection (10 MCQs) - Participants must analyze faulty code snippets and select the correct line of code that can replace the erroneous line.

Qualification Criteria: Participants will be shortlisted based on marks scored, accuracy and completion time.

ROUND 2: IMPLEMENTATION CHALLENGE

This round assesses the participant's ability to translate logic into working code.

- Problem Set: 3 problems of increasing complexity: Easy, Medium, Hard.

Participants must deliver correct and optimized solutions within the allotted time.

EVALUATION METRICS:

Performance will be assessed using the following priority order:

1. Solution Correctness: Successful handling of test cases
2. Algorithmic Efficiency: Optimal use of time and memory
3. Completion Speed: Time taken to arrive at a correct solution

Final Result: The participant who demonstrates superior performance across all evaluation metrics in the coding round will be declared the winner.

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Price Amount:

1st - 1500
2nd - 1000
3rd - 500