

CODE-IN-PHASE: Coding Challenge Event

Description:

CodeInPhase is a thrilling two-round coding event designed to test participants' problem-solving and debugging expertise. Round 1 focuses on analyzing statements and debugging code, while Round 2 challenges participants to solve coding problems with varying levels of difficulty.

Round Details:

Round 1: Debugging and Analysis

1. **Question Format:**
 - 30 multiple-choice questions divided into two sections:
 - **Section 1:** Identify the incorrect statement among three given in each question.
 - **Section 2:** Debug code snippets to locate errors.
2. **Options:** Each question has four options; participants must select the correct one.
3. **Advancement:** Top performers, based on accuracy and speed, will advance to Round 2.

Round 2: Coding Challenge

1. **Problem Set:** Qualified participants will solve three coding problems:
 - One easy problem.
 - One medium problem.
 - One hard problem.
 2. **Programming Languages:** Participants can use C, C++, Python, or Java for implementation.
 3. **Evaluation:** Judging criteria include correctness, efficiency, and code readability.
-

Judging Criteria:

Participants will be evaluated based on:

1. **Accuracy:** Identifying errors and solving problems correctly.
2. **Speed:** Completing tasks in the shortest time possible.
3. **Efficiency:** Quality and optimization of solutions.
4. **Code Readability:** Clarity and structure of the written code.

Winner Selection:

The participant with the best performance across both rounds and the fastest completion time will be declared the winner.