



SENTEC

SOCIETY FOR PROMOTION OF
SCIENCE ENGINEERING AND
TECHNOLOGY



PRESENTS



PROXION'26

CODE. CREATE. COMPETE.

**ALGO
MASTERS**

RULE BOOK

08-10 MAY 2026



ABOUT THE EVENT

Algo Masters is the deep-algorithmic individual round. Five carefully crafted problems demand efficient, well-optimised solutions. Participants must demonstrate strong analytical thinking, complexity analysis, and mature implementation skills.

REQUIREMENTS

- Personal laptop or desktop
- Stable internet
- Codeforces account
- Discord
- Allowed languages: C++17, Python 3.11, Java 17

MODULE FORMAT

- Mode: Individual
- Duration: 90 minutes
- Platform: Private Codeforces group contest
- Four standard problems (A-D) and one bonus problem (E) with partial scoring (subtasks)
- Problem E awards points separately for small and full constraints

01



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SCORING SYSTEM

Ranking is based on total points across all problems.

- Problems A-D: full points if all test cases pass
- Problem E: points per subtask (e.g., 40 + 60 points)
- Tie-breakers:
 - Lower total penalty time (only for problems/subtasks that earned points)
 - Earlier time of last scoring submission
 - If still tied, rank is shared

Penalty time: 10 minutes per incorrect submission on a problem/subtask that eventually scores.

RULES & REGULATIONS

- All code must be written during the contest
- No collaboration or communication about problems
- AI tools are strictly prohibited
- Only language documentation and personal notes allowed
- Efficient algorithms are required – naive solutions will not pass the larger test sets





PENALTIES & TIE-BREAKERS

- incorrect submissions add 10 minutes penalty for problems/subtasks eventually solved
- Disqualification: using AI, sharing code, multiple accounts, or using disallowed resources

RECOGNITION

- Algo Masters Champion – 1st place
- Bonus problem solvers may receive special mention

03



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