

Blackbox

Team Event (Y19) Points: 30

The contest shall begin with Round A, which will be a test of the participants' mental abilities. The second round shall require programming in an unknown Programming Language in a time bound environment.

Rules:

- Round A:
- Round A is a team contest and serves as an elimination test for Round B.
- The round shall be 1 hour long.
- 20-25 teams shall be shortlisted for round B. (At least one from each pool, others based on score).
- Round B:
- An unknown programming language will be provided at the start of the event, along with the required documentation and interpreter/compiler.
- It shall be a 3-hour long event.
- Only shortlisted teams shall be allowed to participate.
- Venue: CC Linux Labs (tentative)

Task:

A written test shall be conducted in Round A; consisting of questions related to mental ability, logic, mathematics, and puzzles.

The qualified teams shall attempt a series of programming problems to be solved in the provided esoteric language. The following is a list of languages which were used in black box previously:

- <https://esolangs.org/wiki/Taxi>
- <https://esolangs.org/wiki/~English>
- <https://esolangs.org/wiki/LOLCODE>

Programming experience is not mandatory.

Team Structure:

There is no limitation on the number of teams from a pool. Each team consists of two members.

Scoring:

In round A, teams will be ranked according to the marks awarded in the written test. In round B, points shall be awarded to a team for each problem solved.

Tie Condition:

If two teams have the same score, they will be ranked on the timings of their submissions.