

PROGRAMMING

TIME: 10:00 AM to 01:00 PM

VENUE: LAB 404, Block A

Vibhu Kesar 8800910447
Gaurav Gogia 9560310682



To change the world all we need to do is to change the source code

RULES

Team Size: 1-4

Description:

In this event, the ability of participants to implement innovative algorithms and make use of data structures in the best possible manner will be tested in programming language of their choice.

Event Structure:

The event shall be structured into two halves. The debugging round and the latter one being implementation round.

There can be one rapid fire round at the end in case of a stalemate.

First Half:

Participants will be presented with 20 problems and they will be tasked with finding logical and syntactical errors.

Correct Error Found	: +2 Points
Correct Solution Suggested	: +1 Points
Wrong Error Found	: -2 Points
Wrong Solution Suggested	: -2 Points
Solution / Error NOT Found	: 0 Points
Estimated Time	: 25 Minutes + 5 Minutes for Points

Second Half:

During this round, 1.5 hours will be given to solve a specific theme based problem in the programming language of your choice. Use of internet shall be allowed at your leisure.

Common end goal: A fault-tolerant program.

At half time all the teams will be randomly assigned a different team's computer where they will only have the final product to test.

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RULES contd.

Team-Under-Siege:

Program working	: +5 Points
Program NOT crashing	: +2 Points

If program not working:

Good Approach	: +2 Points
Broken Code	: 0 Points
Crashed Program	: -2 Points

Testing Team:

Crashed Program	: +2 Points
Program Working	: -2 Points
Estimated Time	: 1 hour 30 Minutes

Rapid Fire (In case of stalemate):

Closest answer first	: +10 Points
Closest answer second	: +05 Points
Wrong answer	: -05 Points
Estimated Time	: 20 Minutes

Total Time: 03 Hours

General Rules:

- Topics will be given on the spot.
- A total of 2 hours will be provided for the second half
- Participants will be provided Sublime Text 3 & Visual Studio Code.
- Decision of judges will be final and binding.