



NIMBLE 2019

CODE ALPHA

INTRODUCTION

This contest will require you to solve several mathematical and real-life problems through coding.

PROBLEM STATEMENT

You will be given a several problems based on mathematical intricacies, statistical inferences, physics, seepage, real life situations and other related stuff. These problems would be such that they can be solved quickly only by coding.

EVENT RULES AND SPECIFICATIONS

1. RULES

- A team may consist of up to 2 members.
- Participants should strictly meet the deadline of the event. No extra time will be given after the event

2. SPECIFICATIONS

- For detecting the number of people entering and leaving the room, a set of IR transmitters and receivers must be used.
- Components will be issued to team prior to the time of the event.
- Only non-programmable IC's can be used.
- The number of visitors is to be shown using seven segment displays.

3. JUDGING CRITERIA

- The judging criteria favours a proper layout of the components along with a robust circuit.
- Your Circuit should be clean and wires shouldn't be hanging around (Extra Points for clean circuit).
- Any other extra feature implemented in the design will gain you some points.
- You must be able to count and display at least 99 people in a room.

CONTACT DETAILS

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All decisions taken by the organizing team will be deemed as final, and no more changes will be encouraged, thus holding the full authority to change any of the above rules as per circumstances.