

## Coding & Debugging

### Description:

This event aims to measure your analytical, technical and programming skills set to solve and debug the code and also test your ability to work as a team. The participants who are interested in the hunt of coding excellency are heartily welcome.

### Rules:

- A team must have two members.
- Based on performance teams will progress to the next round.
- Use of mobile phones or any electronic gadgets are not allowed.
- The decision of the judges will be final and binding

### Round 1:

#### Part 1:

##### Crack the password

- It is an online round consisting of one question for every team.
- The team member has to track the output and code the given problem
- After successful submission the team can proceed to **part 2**
- **Duration 15 mins**

#### Part 2:

##### Swapping logics

- One coding question will be provided to each of the team member.
- Each member will have to solve his problem as much as he can and after **15 mins** both the team members will be **swapped** and they have to complete their remaining partner's program.
- **Duration 35 mins**

### Round 2:

#### FINAL ROUND

- Debug a given code and optimize it.
- Given a program code with errors which must be debugged.
- Complete the code and optimize it as much as you can
- **Duration 45mins**

### NOTE:

**\*If a member is not able to crack the password within the provided time, he/she will be given the password for login but score will be deducted.**

**\*Optimization shall be done according to given complexity.**