Reverse Coding

Event Heads: Vihan , Shreyas

Short Description: Reverse-engineer an unknown set of codes by figuring out patterns in their outputs. Come decode our code.

Description

Reverse coding is a fun event in which the participants will be given some codes which they can execute but the source code isn't visible. They can run the code multiple times giving an input of their choice and observing the output. Looking at the input output patterns they need to figure out what is going on beneath the hood and code it.

Rules and Regulations

• Teams of at most 2.

• Each team will be given 4 questions to solve.

• Questions will have points based on difficulty

• For a given question the participant is allowed to run the given code multiple no of times. But will not have access to the code.

• Based on the output he receives for given values he enters, he has to decipher how the code function and is required to reproduce it.

• The code he writes is run against a set of test cases and the number of test cases passed determines the no of points he gets.

• The participants are allowed to code in python , c ,c++ or java.

• Pseudo code's will be accepted but fraction of the points will be allotted.

• The event will have only one round.

• The participants will have no internet access.