Reverse Coding

This event will push your logical, deductive and mathematical skills to the limits. Be the Bond of programming and figure out what is the hidden source code by looking at its behavior on your inputs.

**Description:**

The participant will be provided a portal with a 'black box' function, and an input template. The participant can generate as many outputs on any desired input to guess what exactly the hidden source code is doing (e.g. calculating the nth Fibonacci number for every input n.) The second part involves coding up the guessed function in your favorite programming language on the portal. The portal will test your function on several test cases, and award a score accordingly. The score will vary depending on the difficulty level of the problem.

The participants are responsible for bringing their own laptops and ensuring that they are sufficiently charged for a 3-hour event.

**Participation:** Individual

**Rules:**

• Participants will be judged on the cumulative points over the entire set of problems.

• In case of a tie, it will be sorted by adding cumulative time of all the solved questions.

• Any participants if found using any unfair means will be disqualified from the event.

• Internet connectivity is not allowed.