About:

Code Code is a competitive programming event under ARC where participants use their coding skills to solve real-world and analytical problems within a given time frame. The challenge is designed to test participants' logic, efficiency, and problem-solving abilities across various programming languages. It provides a platform for aspiring coders to apply algorithms, optimize solutions, and compete with some of the best young programmers in the country.

General Rules:

1. **Registration:**
   All teams must register online through the official ARC website to participate in the competition.
2. **Team ID:**
   A Team ID will be issued upon registration and must be used for all future communication and references.
3. **Additional Registration:**
   Each team must also complete the online form provided by the Advanced Robotic Club.
4. **Final Decision:**
   The decision of the judges and organizers will be final and binding on all participants.
5. **Equipment Requirement:**
   Participants must bring their own laptops for the competition.
6. **Device Responsibility:**
   Teams are fully responsible for their own devices. It is recommended that laptops be fully charged before the competition.
7. **Software Policy:**
   The use of online compilers or the internet is strictly prohibited. Participants must have offline compilers pre-installed on their laptops.
8. **Mobile Devices:**
   Mobile phones are not allowed during the competition.
9. **Rule Modifications:**
   Organizers reserve the right to modify any or all rules if necessary. Any updates will be announced on the official Techfest website and emailed to registered teams.
10. **Disqualification Policy:**
    Any team found using online compilers or unauthorized tools will be immediately disqualified.
11. **Liability Disclaimer:**
    ARC will not be responsible for late, lost, or misdirected entries.

12. **Information Updates:**
    The official ARC website will always contain the most updated information.
    Registered participants will be notified via email regarding any changes.
13. **Official Communication:**
    All announcements and official updates will be sent through ARC email. Participants must regularly check all email folders, including spam/junk.

Description of the Competition:

1. **Duration:** The contest will last for 3 hours.
2. **Objective:** Teams will use programming skills to solve complex mathematical and logical problems that cannot be solved with a standard calculator.
3. **Problem Scope:** Challenges will include:
    o Advanced mathematical puzzles and numerical problems
    o Statistical analysis and predictions
    o Physics-based simulations
    o Real-life scenarios requiring computational solutions
    o Algorithmic and logical problem-solving tasks
4. **Teamwork:** Participants are encouraged to collaborate efficiently to design optimized code and solve problems within the given time.
5. **Evaluation:** Solutions will be evaluated based on accuracy, efficiency, and correctness of the code.

Tiebreaker:
There would be some tie-breaker questions in the paper in case of a tie. The person with the most correct answers to the tie-breaker questions would be given a higher position.

Eligibility:
All students with a valid identity card from their respective educational institutes are eligible to participate in the event.
Programming Languages Allowed:
1. C
2. C++
3. Java
4. Python