



# CodeXpress (Speed Coding Competition) - Official Rule Book

## Introduction:

The **CodeXpress** (Speed Coding Competition) is designed to test participants' programming skills under time constraints. Participants will solve a series of coding problems within a specified time, showcasing their ability to think critically, write efficient code, and manage their time effectively. This competition aims to foster innovation, improve technical abilities, and encourage problem-solving in a fast-paced environment.

## Objectives of the Competition:

- Encourage participants to demonstrate their coding proficiency.
- Promote problem-solving and algorithmic thinking.
- Evaluate participants' ability to write efficient, accurate, and optimized code.
- Develop practical coding skills in various programming languages.

## 1) General Rules:

- **Eligibility:** Open to students and professionals aged 12 and above from any academic or professional background.
- **Team Composition:** Participation is individual; each competitor must submit their own code.
- **Registration:** To participate, individuals must register via the official website.
- **Time Limit:** The competition will last for 2 hours. All submissions must be completed within this time frame. Late submissions will not be accepted.
- **Problem Statement:** A set of problems will be provided at the start of the competition. All challenges must be solved within the allotted time.
- **Programming Languages:** Participants are free to use any programming language of their choice.
- **Environment Setup:**
  - The coding environment will use **Microsoft Visual Studio Code**.
  - To ensure fairness, the coding environment may be preset and locked during the competition.
- **Code Submission:**
  - Solutions must be submitted through **Google Classroom** before the time limit expires.
  - The organizers will define the required file types and formats for submission.



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## 2) Scoring & Judging:

- **Accuracy:** Solutions will be evaluated based on the correctness of the output. Code will be tested against multiple test cases to verify accuracy.
- **Time Complexity:** Optimized solutions are preferred. When two participants solve the same problem, the one with the faster or more efficient code will score higher.
- **Code Readability:** Points may be awarded for clean, well-structured, and properly commented code.
- **Partial Credit:** If a participant solves part of a problem (e.g., passing some test cases but not all), they may still receive partial points.

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## 3) Disqualification Rules:

- **External Assistance:** Participants are not allowed to receive outside help or use unauthorized tools during the competition.
- **Communication:** Sharing solutions or discussing problems with other participants or external parties during the competition is strictly prohibited.
- **Environment Violations:** Using prewritten code or any software/tools that violate the competition rules can result in immediate disqualification.
- **Multiple Submissions:** Submitting multiple solutions for the same problem or creating multiple accounts for participation is not permitted and will result in disqualification.

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## 4) Prizes:

1. **Awards:** Prizes will be awarded to the top-performing teams. Details on prizes will be announced separately.
2. **Recognition:** Winners will be featured on the event's website and may receive certificates or trophies.

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## 5) Additional Rules:

- The organizing team reserves the right to modify competition rules, duration, or any other aspect at any time.
- The decision of the judges is final and cannot be contested.
- Winners will be notified at the conclusion of the event, and prizes will be awarded accordingly.
- Prizes are non-transferable and cannot be exchanged for cash or other items.



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**Contact Information:**

For questions or further details, please contact us at:

- **Email:** [contact@teknofestpakistan.com](mailto:contact@teknofestpakistan.com)
- **Website:** [www.teknofestpakistan.com](http://www.teknofestpakistan.com)
- **Phone:** +92 333 2291174 | +92 336 8285328

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**Good luck to all participants! We look forward to seeing your programming skills in action**

