FastCode TechFest

# What is FastCode

FastCode is a **competitive programming** competition which involves participants trying to program according to provided specifications.

# Overview

The participants are presented to a set of **logical or mathematical problems**, also know as puzzles, to the participants, and participants are required to write computer programs in **python** capable of solving each problem.

**Judging** is based mostly upon number of problems solved and time spent for writing successful solutions and also includes other factors like quality of output produced, execution time, time complexity

# Structure for Round 1

* Round 1 will be held online
* There will be 3-6 problems to solve
* The participant/team who solves a **greater** number of problems in the **least** time **wins** the first round.
* The Round will be for approximately **5 hours**
* This round is **final** and **no more** rounds will be held after this
* There are **no categories** for this round if **common** for **all** the team/participants

# Guidelines

* The Contest will be held in an **online platform**
* Only Students from **class 9-12 can participate** in this contest.
* The window period for the contest is **limited** and once the time limit is over, the participant/team can **no** longer submit the code **nor** can view the problems.
* The **judging** will be done **online** by an **automated** **judge** and the results can be viewed in an instant
* The is **no** restriction of time for **individual problems** and the participant/team has to try and solve **all** the problems in the specified window period
* There will be a **live** leader board where the participants/teams can see their current standing the contest
* Only **Python** programming language is permitted in the contest
* Only **Python3.6** and above syntax is supported for the contest
* There are **unlimited submissions** for each problem and once the problem is approved by the judge the participant/team can **no** longer view or solve the problem again and has to move to the next problem
* The contest should be taken in a **computer or laptop only.**
* There will be **no user testing** and it is recommended that the user tests the code in a **development environment** and then submit the solution
* **NOTE** –Only one **round** will be held and there are **no** **multiple rounds**
* **NOTE-** If the participation is in a **team** then the whole team should participate thru **one system** only. **no multiple** systems allowed for teams
* A little Higher level algorithms and problem-solving skills will be tested in this competition **so be prepared**

# FAQ’s

1. How to Register?

You will be given a **username** and **password** for the **online login**

1. Is the competition online?

The competition is completely **online** and the participant should have good internet connection and a **computer/laptop.**

1. What kind of device and software do I need to participate?

The participation can only be done through a **Computer/Laptop** with good internet connection**.** **NO** PHONES AND TABLETS ALLOWED.

1. Can I participate on a smartphone?

**No**, the participant cannot use a smart phone or tablet only computer/laptop.

1. Is this an individual or a team competition?

This contest can be participated in **both team and individua**l. For team – **maximum 3 members** allowed.

# Time Line

* **This contest will be held on 20th of December 2021 from 2pm to 7pm.**

# Contact Us

* Harish Babu : +91 7337469007, harishbabubalaji@gmail.com
* Arin Das: +91 8374601227
* Sanchit Gupta : +91 9346513207