CodeVita Season V - Contest Note (Phase 2)

Introduction

Sports are a great way of bringing out character of a person. A spectrum of emotions ranging from hope to despair, monotony to excitement, boring to interesting, mediocre to extraordinary performances are seen in every sport known to mankind. The purpose of sports, apart from physical and mental fitness, is to evoke these emotions. TCS feels strongly about promoting the culture of *Programming-As-A-Sport*. TCS CodeVita, a programming contest, is TCS's way of attracting young impressionable college students to adopt this culture and experience joy of programming

Purpose of the Contest

We are in era of User Generated Content (UGC). Data and technology is created at pace never experienced before. To harness the power of vast data and new technologies skilled manpower is required. Programming skills are the foundation to a fruitful career in these fields. The main objective for the contest is to sharpen the contestants' programming skills through some real-life computing practices. The contest will also

- Help TCS Spot the bright students
- Provide students an opportunity to showcase their programming talent and earn peer recognition and honour
- Provide an opportunity to showcase offerings of TCS to the academic world

Structure of the Contest

CodeVita is a team contest. A team must have 2 members. The contest will comprise of 2 rounds of coding. To participate in CodeVita, one needs to register the team. Both members of the team will need to register individually. CodeVita platform (www.tcscodevita.com) will provide necessary workflows to form the team online. Only a valid team can participate in the contest.

Registration windows open up different times for different geographies. Refer to geography specific section for details on registration process.

To help contestants warm up for the contest, **a practice round (MockVita) will be open later in the month of October to the participants who have registered for the contest**

- **Round 1**: This is the first round of the contest and will comprise of a series of real time problem statements. Top performers of this round will get qualified for the grand finale based on their global ranking.
- **Grand Finale:** To be held in one of the TCSL offices most likely in India.

Eligibility Criteria

Coders who are currently studying at colleges/universities located across geographies other than

India are eligible to take part in the contest.

Registrations are invited from the above students in undergraduate/postgraduate disciplines from *engineering/science* background with any specialization

Registration Process (Dates: 19th September 2016 to 11:59 PM, 6th November 2016 IST)

- Global CodeVita participants will need to Register on www.tcscodevita.com

- CodeVita is a team contest and a team can have only two members

- Upon Registration a participant can invite others to register. A registered participant can also Send or Receive Partner Requests to other registered participants

- Amongst all the Partner Requests, sent or received, exactly one Partner Request consummates successfully. A Team is said to be formed between two people when Partner Request initiated by one of the members is accepted by the other member. Any outstanding Partner Requests for both these participants will automatically expire

- By convention, the participant who has Sent a Partner Request becomes the Team Lead and the one who accepts the Partner Request becomes Team Member

- Once a team is formed, only the Team Lead can choose a name for the Team. Other than this feature, Team Lead and Team Member have same privileges elsewhere in the application

- The Team Lead of each well-formed team will be our point of contact for any further communication with respect to the contest and will be responsible for updating the respective team members.
- The team can be from the same discipline or may be inter-disciplinary.
- Team members have to remain constant throughout the contest. Swapping of participants within teams is not allowed and will lead to disqualification of the respective teams from the contest.

CodeVita is TCS' flagship programming competition meant for college students across the world. At registration time all the information will be taken at face value and all registered participants will be allowed to participate in the first round of Global phase of CodeVita.

Successful candidates who would have qualified to move into further rounds will need to prove their affiliation as students to their academic institutes as mentioned at the time of registering for CodeVita. At a broad level the process will roughly be as follows, but the details may vary
   1. You will receive communication from TCS if you have qualified to the next round
   2. You will need to provide proofs such as
        a. College identity card
        b. Bonafide certificate from your academic institution
        c. Institution affiliation to University

Since CodeVita is meant for current students studying in academic institutions, the onus of proving that you, as a participant are a current student, is on you. Inability to prove that you are a current student affiliated to a bonafide academic institution will result in non-advancement to the higher rounds of CodeVita.

General Guidelines

- The infrastructure / software(s) required for compiling / interpreting code solutions shall be borne by the team or the institution they represent. TCS will not be liable for any damage to the institute's infrastructure which may be caused by participants from the institute during the

contest.

- Language compilers/ interpreters are open source applications that can be downloaded from the internet. Participants will need to submit the source code to a problem only. For example, codes written in Java should be submitted in .java format
- CodeVita platform supports coding in 10 languages. Language names and supported compiler / interpreter versions are mentioned in table below.

- Coding Guidelines will be provided as separate document. It will include information on scoring and ranking of teams in different rounds, list of URLs from which compilers and IDEs can be downloaded.

Language	Compiler / Interpreter Versions
C	gcc 4.9.1
C++	gcc 4.9.1
C#	mono 3.2
Java	Oracle JDK 1.7
JavaScript	Google D8 Engine version 3.14
Julia	0.4.2
Perl	5.10.1
PHP	5.3
Python	3.4
Ruby	2.2

Indemnification

You fully indemnify and hold us (Tata Consultancy Services Limited) harmless for and against all damages, losses, and costs that might be caused by:

- Your failure to comply with the terms of the above agreement
- Third party claim(s) of their rights and IPR being violated / effected by your article(s) submitted to us.

Round 1 (Dates: 10:00 AM 12th to 10:00 AM 13th November 2016 IST)

Comprising programming problem statements. Top performers of this round will get qualified for the grand finale based on their global ranking.

Grand Finale (Dates: Sometime in early 2017)

Top 15 teams (combining Phase 1 and Phase 2) will be invited for the Grand Finale, to be held in one of the TCSL offices, most likely, in India.

Prizes:

Top 3 teams will be winning exciting prizes which includes USD 10,000 for Winner, USD 7,000 for 1st Runners up and USD 3,000 for 2nd Runners up.