

February 25th - 28th

ADVENTURE

EVENT DESCRIPTION:

(a) Crazy Programming -

How efficiently can you code in C? Your programming might just be crazy enough to weigh less than your opponents'. Take part in this fun challenge to solve a set of problems with minimum weight. The participants are provided with a set of problems for which they need to code in C. This is meant to be a fun event and not an algorithmic challenge.

(b) Pair Programming -

How efficiently can you code in C? How efficiently can your opponents code in C? Work on both yours and others' codes to get the most points in Pair Programming.

(c) Break--N--Ride -

You think you'd make a great cyber thief? Try your hand at robbing the virtual bank, but the fun doesn't end there. Design a security system to protect your safe while participants try robbing each other as well.

Cash prizes worth **INR 40000**

FORMAT:

Crazy Programming

1. Everything is given a weight, and how heavy your program turns out will be the sum total of the weights of everything you use.
2. The weight distribution is as follows

SR NO.	Symbol/Pattern/Keyword	Weight
1	FOR	5000
2	WHILE	3000
3	+, -, *, ?, %	1000
4	SWITCH	500
5	CASE	100
6	Number	100
7	goto	100
8	<, >	50
9	!, &, ^,	20
10	Alphabets	10
11	?, :, \$, _, @	10
12	=	5

Pair Programming

1. There will be two phases in the contest.

- Phase 1:

- (a) There will be 9 problems from which one will be weighted.
- (b) Each of the non-weighted codes will fetch 20 points if correct.
- (c) You need to submit as many codes as you can.
- (d) The taken codes need not be efficient.
- (e) In case of a tie, then the one with least weight is considered. If no one has submitted the weighted code, the first to submit is considered.

- Phase 2:

- (a) Shortlisted participants will have to remove something from their code.
- (b) You will be given all other participants' incomplete codes, which you will have to make whole again before submitting.
- (c) Cracking someone's code again will fetch you points but if your code gets cracked, you will lose points.

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Break-N-Ride

1. There will be two phases in the contest.

- Phase 1:

- a. The participant must rob the bank and get some money in her account.
- b. This will involve bribing guards, disabling cameras and alarms, etc.
- c. Unlock the safe within the time limits.
- d. Each safe has a fixed amount of money.
- e. Every safe the participant cracks will credit money to her account.

- Phase 2:

- a. Shortlisted participants will have to design a security system for their money within a stipulated time.
- b. After the stipulated time ends, every participant will start trying to breach each other's safes.
- c. Every stage has a timer.

JUDGING CRITERIA:

Crazy Programming

1. The criterion for awarding the bonus points is:

- 1st -> 10points
- 2nd -> 9 points
- And so on, until 10th -> 1point

2. You may try to solve a problem as a team, but a specific code must be submitted only once. Submitting the same solution (even algorithm) by the different members of the team will be treated as unfair and only the first submitted code will be considered for evaluation.

Pair Programming

1. The decision of the ADAVENTURE Team will be final and binding.
2. The participant with the maximum points is the declared winner.

Break-N-Ride

1. The decision of the ADAVENTURE Team will be final and binding.
2. The participant with the maximum money will be declared the winner.

RULES:

Crazy Programming

1. The C code should be compatible with gcc-4.4.6+ (TurboC should not be used)
2. exit(0) must be used at the end of the programs.
3. No preprocessor directives must be used.
4. Do not use fflush().
5. The live leaderboard is only for informal purposes and should not be cited as the final reference.
6. During the last 5 days of the contest you will be awarded bonus points.

Pair Programming

1. The C code should be compatible with gcc-4.4.6+ (TurboC should not be used)

Break-N-Ride

1. After each level the robbers get money which will be the delimiter for the winning participant.
2. The live leaderboard is only for informal purposes and should not be cited as the final reference.

FAQ:

1. Who can participate in ADA'VENTURE?

Students from any college or university of India can participate in ADA'VENTURE.

2. If ADA'VENTURE is an event, what are Crazy Programming, Bot Wars and Pair Programming?

ADA'VENTURE is an event in PRAGYAN 2015. Crazy Programming, Bot War and Pair Programming are the three sub-events which constitute ADA'VENTURE.

3. I have registered for Crazy Programming. Can I participate in Bot Wars and Pair Programming?

Yes, all three events are independent of each other although they all are managed by the same team. You can participate in all the three events.

4. How many members are allowed in a team?

All the events under ADA'VENTURE are individual events. A Participant will be participating as an individual only and no team is required.

5. My Code is getting compiled successfully in Turbo C. Will it be accepted?

The submitted code should compile in gcc-4.4.6+ compilers. Turbo C should not be used.

6. My code is working fine on my system. In Crazy Programming, whenever I submit my code, it returns 'incorrect code'.

You might have used fflush() in your code. Remove fflush() and try submitting the code again.

7. When will the results be declared?

The results will be declared on the final day of Pragyan.

8. How will the winners be informed about the results?

The results will be updated on the leaderboard for that particular event. The ADA'VENTURE Team will also personally contact all the winners.

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9. Will participation certificates be provided?

The Certificates will be given to the winners only

CONTACTS:

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