Indigo 2024

Brought to you by the Carmel HS Competitive Programming Club

Forms to fill out!

Both links can be found in the Opening Email.

HackerRank Collection Form
- **REQUIRED** to win a prize
- One per **team**

Raffle Form
- **OPTIONAL** if you want to be entered in the raffle
- **Everyone** fills out

Overview

Indigo is run by members of the Carmel High School Competitive Programming Club. Our mission is to inspire and drive a love of programming and computer science to all!

This contest was designed to promote problem-solving skills and allow high-schoolers to showcase their programming talents.

Problems

Format

10 problems to be solved over 3 hours
(3:00 PM to 6:00 PM EST) on HackerRank

Difficulty

- **Easy**/Bronze (2)
- **Medium**/Silver (4)
- **Hard**/Gold, Platinum (4)

Submissions

Test cases

Your code will run on a set of hidden test cases. Test case constraints will be in the problem statements.

Results

Accepted: Congratulations, your code passed!

Wrong answer: Your code outputted the wrong answer for one or more of the test cases.

Time Limit Exceeded (TLE): Your code's runtime has exceeded the limit

Limits

2 seconds for C/C++
4 seconds for Python/Java
512 MBs

Scoring

Scoring

We will be using **binary scoring** (all-or-nothing)
- Each problem has a different maximum score according to difficulty

Penalties

There will be no penalty for incorrect submissions.

Tiebreaks

Ties will be broken by:
1. Sum of times
2. Fastest last solved

Partners

The account with the higher score will be counted.

Rules

- You may use the internet for help and to search for resources, but all code submitted must be your own OR publicly available prior to the start of the contest.
- Pre-written code and templates are permitted.
- Do not use any form of artificial intelligence.
- Communication with other teams is not allowed. (Why would you give another team your solutions anyway?)

Raffle Info

Eligibility:

Any individual competitor, regardless of age, is eligible to win a raffle prize if they:

1. Have not already won a prize, and
2. Are a member of a team that has submitted at least one solution at some point during the contest.

We will give you your highest-ranked choice if you are selected!

Raffle Prizes:
- **$25** Amazon Gift Card (6x)
- **$45** Desmos Gift Card
- **$25** AoPS Gift Card (4x)

Pre-College Prizes

Overall Prizes:
- **1st**: $200
- **2nd**: $150
- **3rd**: $100
- **4th** to **6th**: $75

All Overall Winners: **Premium Brilliant Subscriptions**

Female-Identifying Prizes:
- **1st**: $75
- **2nd**: $50
- **3rd**: $25

Middle School Prize:
- Top team: $75

Recipients cannot have placed top 6

All prize winners (Overall, Female-Identifying, and Middle School) get one year of **Wolfram|One Professional Edition**.

A BIG thank you to our sponsors!

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Thank You

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A BIG thank you to our partners!

Closing Ceremony

6:30 PM EST
Prizes + raffles!

Questions?

If you have questions during the contest, feel free to join **#in-contest-tech-support** or email indigo.coding@gmail.com! DM problem writer with problem specific issues.

Thanks to our organizers, problem writers, and testers!

- **Michael Bao**
- **Rohan Bhosale**
- **Hillary Yang**
- **Michael Qian**
- **Kellen Gong**
- **Joshua Yi**

- **Chongtian Ma**
- **Brandon Li**
- **Stefan Dascalescu**