

Rules and FAQ

Teams

Teams can consist of up to three students. Teams must contain an MSOE student, and can contain at most one non-MSOE student. Individuals are welcome to participate in teams of one. There is no advantage given to individuals or small teams.

Challenge Evaluation

This competition will require writing code to solve problems for any given input, not just the example. Some test cases will be provided as a demonstration, but most will be hidden. Solutions will have a set time limit and memory limit that they must run within. Points are awarded based on test cases passed.

Languages

The competition is run through HackerRank, and supports a variety of languages. Some common libraries may be included, but participants may not include their own libraries. For the full list of languages and libraries available, check out their list here: <https://www.hackerrank.com/environment>

Problem Difficulty and Scoring

Problems are separated into different difficulties. Easy challenges are worth 100 points, medium challenges 150, and hard challenges 200. These are the maximum points possible for each problem, in the event all test cases are passed. If some test cases are failed, partial credit is available relative to number and difficulty of test cases passed.

Location

We ask that everyone participates from our location. While we understand it is a purely online competition we do not want to open it up to participate from anywhere. This helps prevent teams from enlisting the help of other students outside of the competition.

Allowed Resources

This competition is better than open book, it's open internet. You are encouraged to research possible algorithms online. You should bring one computer per person on your team. You are allowed to bring any computing resource with you, but all submissions are run through HackerRank.

Plagiarism

Code should not just be copied and pasted from the internet. The problems are designed to that this won't be particularly useful anyway, but excessive evidence of copying may cost you points for the related challenges.