



NOCTEM  
DEVELOPMENT

# Noctem Virtual II **Competition Information**

AUG 6 - AUG 9

# Rules/Guidelines

- Teams may consist of up to 3 members.
- Teams may be formed during the event or beforehand through registration.
- The main audience of this competition is middle and high school. Elementary and rising college freshmen are also welcome to join.
- Registration on the website should only be completed once per team.
- **There will be two divisions:** Division 1 and Division 2
- There are 6 questions in each division.
- Each team may only participate in one division. If a team attempts to participate in both, they will be disqualified from both divisions.
- Please refer to sample problems for difficulty.
- You may take the contest anytime from August 6 - August 9.
- **Time Span:** 3 Hours
  - Your timer will expire at 11:59 PM EST on August 9th, regardless of any time you have remaining.

## Scoring

**WITH LIVE  
LEADERBOARD!**

There will be **1** sample test case and **9** hidden test cases for each problem. Each test case is worth **1** point, for a total of **10** points per question and **50** points for the entire contest.

# Awards

## For ALL Participants

Each participant will receive a free month of Replit's hacker plan! After registration, each team member will receive an email with a link to redeem their plan.

## For Top Teams

Top teams in each division will also receive prizes for their performance. More information about the specific prizes coming soon!



## GRADER

We will be using our own grader to host Noctem Virtual II, located at <https://grader.noctem.dev/> which will be used to submit solutions.

Before the competition, you and your team should all create accounts on the grader by going to the login page, clicking the "Need an account?" button, and registering.

Once registered, have **one** member of your team create a team, which can be accessed from the profile page. This will create a team code, which should then be given to the rest of your team who can join on their own profile pages, in the "Enter Code" input.

After, follow the instructions on the home page to try submitting a problem before starting the competition.

The competition will officially start at 8:00AM EST on August 6th, and on that day, the submit page will change to a "Start" button. Clicking it will start a 3 hour timer that will countdown on the website. During your window, you can access the problems through the problems page.

Good luck!