

# Squadcast Programming Challenge (Qualifier 1)

Hello Challenger,

As the first part of our hiring process, you will be tested on your ability to pick up new concepts and build solutions upon abstractions. You are expected to solve 3 problems on diverse concepts that will test your technical know-how across multiple domains. You get **75 minutes** to register yourself and solve the questions. Our challenge server will only be available from **9:30 am to 10:45 am** on **26th December 2024**.

Join our Discord server at <https://discord.gg/kAfDr6Mw> by **9:00 am** for any announcements or updates. You are required to change your username on the server in the following format **RollNumber\_StudentName**.

## Registration

In order to get started you will need to register yourself by making a HTTP request. You can use any HTTP client (like curl or postman) for this.

Method	POST
Endpoint	<a href="https://quest.squadcast.tech/register">https://quest.squadcast.tech/register</a>
Headers	<pre>{   "Content-Type": "application/json" }</pre>
Body	<pre>{   "roll_no": "YOUR_ROLL_NO",   "name": "YOUR_NAME",   "email": "YOUR_COLLEGE_EMAIL_ID",   "phone": "YOUR_PHONE_NO",   "discord_user_name": "YOUR_DISCORD_USERNAME",   "college_name": "YOUR_COLLEGE_NAME" }</pre>

**Note 1:** Make sure that there is no trailing space (or) characters after the endpoint

**Note 2:** While on the discord server, make sure to use the appropriate username.

On successful registration you will get the below response:

```
{  
  "message": "successfully registered",  
  "question_url": "https://quest.squadcast.tech/api/<YOUR_ROLL_NO>/questions"  
}
```

Visit your Question URL to get started. Make sure to read the instructions before getting to the questions.

Once you're done answering the questions, you're done! You can sit back and wait for the results.