



January 5th, 2021

House Of Geeks

Community of Competitive Coding

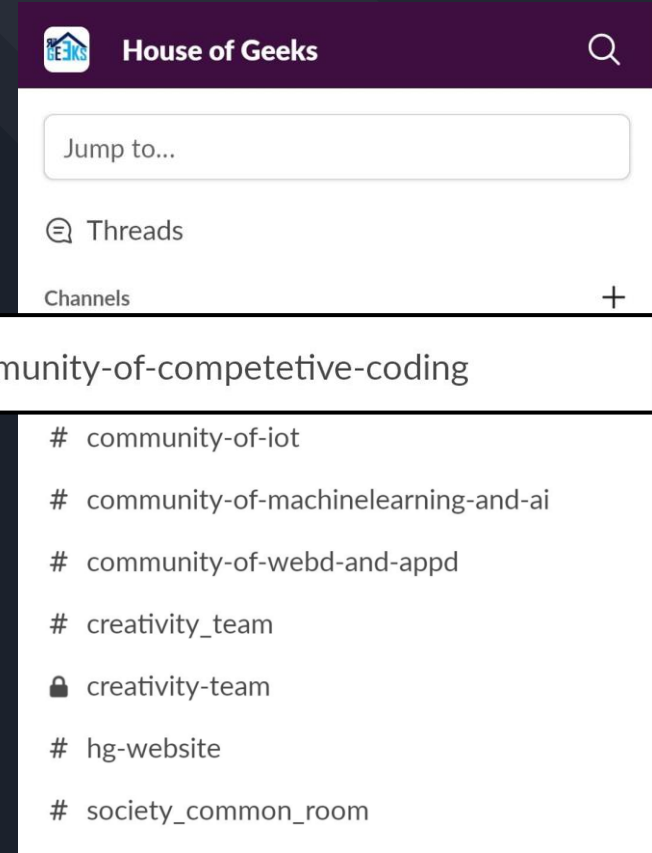
What is Competitive Programming ?

Competitive Programming is a mind sport where you have to solve certain number of problems in a given amount of time using various algorithms and techniques.



Aim

- Promoting Coding Culture in the Institute
- Organising Workshops
- Having discussions
- Help students prepare for IT companies, coding rounds, prestigious competitive coding events like ACM ICPC



Post Holders



Shubham Kr Sahu

Community Head



Rishabh Kumar

Community Co-ordinator

Benefits ?

1. It will improve your problem solving skills.
2. It will create an ability in you of delivering results under pressure and limited amount of time.
3. You'll get used to in working on challenging problems.
4. It will prepare for technical interviews in advance.

And most importantly competitions like ACM-ICPC, Facebook HackerCup ,Google Code Jam etc are one of the world renowned competitions where one of the best competitive coders participate and if you are able to prove your metal there it will open many career opportunities for you.



How the Community Works?

So now where to start from?

Step 1:

Your first step should be to become proficient in any object oriented programming language (preferably C/C++/Java).

Step 2:

Your second step should be to learn Data Structures and practice problems according to its topics.

Step 3:

Have Knowledge of Discrete Mathematics

Step 4:

Practise more and more along with theory.

Important Links

1. For learning C++/Java
 - [Freecodecamp C++ course](#)
 - [Freecodecamp Java course](#)
1. For Data Structures and Algorithms
 - [mycodeschool](#)
 - [Freecodecamp Algorithms and Data Structures](#)
1. For Practicing Problems
 - [Hackerrank](#)
 - [CSES problemset](#)
1. House Of Geeks Store
 - [Hg_store - https://github.com/houseofgeeks/hg_store](https://github.com/houseofgeeks/hg_store)

Welcome to the Community

- Speaker : Sahil Gupta