



## Programming Resources - Week 2 | October 2021

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### 1. Engagement Activities on CodeChef

**SnackDown 2021:** We are pleased to invite student programmers to SnackDown 2021. SnackDown is CodeChef's biggest Annual Programming Challenge and one of the most popular global events as well. Registrations are now open. So, join using this link and get a chance to win prizes worth \$50,000.

- All students clearing the first round will get a participation certificate.
- All students, clearing the elimination round, can proudly display this fact in their profile to catch the attention of the recruiter.
- Top 500 programmers will get a SnackDown special t-shirt.
- [Register here](#)

**SnackDown Practice Contests are ready - Beginners level:** [Practice Contests - Beginners](#)

**SnackDown Practice Contest are ready for - Advanced level:** [Practice Contest - Advanced](#)

### 2. Resources for Beginners

- **Your First CodeChef Problem: FLOW001:** In case you have not yet solved it, try it first. Editorial for this problem is explained on the page itself. Link: [FLOW001 Problem](#)
- **Ada Augusta Contest:** There are 14 simple coding problems in this contest. Try solving them: [Participate Here](#)

And if you need help while solving the Ada Augusta Problems, then watch the video editorials here:



## Learning Videos for beginners in programming

- **Introduction To programming:**
  - This video series explains the basic terminologies and understanding required to [start with programming](#)
  - This video series explains [problem-solving](#)
- **SnackDown 2021 Preparation Series for Beginner and Advanced Level:**

This series will help you to prepare and ace the contest and get you to learn the essential topics in DSA, Searching, Sorting and much more.

[Watch & Learn from this series](#)

[Learn from this video](#)
- **Greedy Algorithms Tutorials:**

In this video series, you will learn all about Greedy Algorithms and their uses and how to implement them.

[Learn from this video](#)

## 3. Resources for Advanced Programmers

### Learning Videos for Final Year Students

- **DSA for Placements:**

In the DSA For Placement series, you will learn a few of the most important topics you need to know to ace the interviews. In this video, we will discuss Problems on Linked List in detail.

[Learn from this video](#)
- **Master Stacks- Data Structure & Algorithms:**

In this video series, you will learn the Master Stacks in Data Structure & Algorithms and also the programming tutorials for interviews. [Learn from this series](#)



- **Mastering Linked List:**

In this video series, you will get to learn the simplest method of storing data without having to pre-allocate memory.

[Watch and learn from this video](#)

- **Binary Search Algorithms:**

This video will help you to learn the concepts of Binary Search Algorithms and how to solve the interview problems.

[Learn from this video](#)

#### **4. Rated Contests Invitation**

Students can feel the heat of a real coding contest with competition from the outside world and some of the best coders of the globe.

1. **October Long Challenge (1st October - 11th October, 3 PM onwards):**

10 days of intense programming, learning new concepts, and best of all, competing with coders across the world! The October Long Challenge, open to all and rated for Division 3 coders is the perfect platform to improve one's skills and ratings!

[Participate Here & 'Set Reminder' to Compete](#)