Welcome to the Codecademy Coding Interview Bootcamp for Developers: Learn DSA in C++ Bootcamp

We're excited to have you on board for this journey, starting **16th August 2025**. To help you get started smoothly, here's everything you need to know:

BOOTCAMP SCHEDULE:

Session Days: Friday, Saturday and Sunday

Session Timings (Across Time Zones):

- **Friday Session**
  India (IST): 7:00 PM – 10:00 PM
  US Eastern Time (ET): 9:30 AM – 12:30 PM
  US Pacific Time (PT): 6:30 AM – 9:30 AM
  UK (BST): 2:30 PM – 5:30 PM
  EU (CET): 3:30 PM – 6:30 PM

- **Saturday and Sunday Session**
  India (IST): 6:00 PM – 9:00 PM
  US Eastern Time (ET): 8:30 AM – 11:30 AM
  US Pacific Time (PT): 5:30 AM – 8:30 AM
  UK (BST): 1:30 PM – 4:30 PM
  EU (CET): 2:30 PM – 5:30 PM

IMPORTANT UPDATES & COMMUNICATION

Please note, all updates regarding live sessions will be posted in the **#announcements** channel of the discord server. Make sure to check Discord regularly!

LIVE SESSIONS VIA ZOOM

- You must have a **Zoom account** to join the live sessions.
- Please set your **Zoom username** to your real name for easy identification.

HOW TO JOIN THE ZOOM SESSIONS?

1. Log into your **Codecademy dashboard** and navigate to **My Home** (top menu).
2. Find your **enrolled bootcamp** and check the upcoming session.
3. Click **"Next Session"** to open the bootcamp schedule page.

4. The **session link activates 5 minutes before**—click it and join!

In case of any issues, a backup Zoom link will be shared via Discord.

SESSION RECORDINGS

Missed a session? No worries!

- Recordings will be available on the **bootcamp schedule page**.
- Click on a **past session** to view the recording anytime.
- Past session links will be posted in #announcements channel of the Discord server within 24 hours.

CODE PRO ACTIVATION

Your **Code Pro access** will be activated on **14th June (Saturday)**. If it's not activated, please reach out to me via **Discord DM**.

To ensure a smooth experience, here are a couple of important notes:

- If you already have an active **Pro subscription**, please write to us once your current subscription ends so we can extend your **12-month access**.
- If you're currently on a **trial plan**, you can let the trial expire without making a payment. Once it ends, let us know and we'll activate your Pro access.

Let's gear up for an exciting learning journey! If you have any questions, feel free to ask in the **#general** channel. See you in the first session!

Course Curriculum

Week	Session	Details
Week 0	Introduction	**Session 0: Saturday (3 hrs)** Introduction to programming in C++
Week 1	Programming Fundamentals and Logic Building	**Session 1: Saturday (3 hrs.)** • Programming Fundamentals and Logic Building
		Session 2: Sunday (3 hrs.) • Time / Space Complexity, Maths Basics, Hashing Basics, Recursion Basics
		Session 3: Friday (3 hrs.) • Problem-solving and doubt resolution session on topics from the last week.

		Project - Tic Tac Toe Game
Week 2	Searching and Sorting	**Session 4: Saturday (3 hrs.)** Searching and Sorting
		Session 5: Sunday (3 hrs.) • Binary Search and Binary Search over solution with Question discussion
		Session 6: Friday (3 hrs.) • Problem-solving and doubt resolution session on topics from the last week.
		Assignment & Coding Test
Week 3	Linked List	**Session 7**: **Saturday (3 hrs.)** • Linked List: Single LL/ Double LL
		Session 8: Sunday (3 hrs.) • Hard and Interview Imp Question Discussion of LL
		Session 9: **Friday (3 hrs.)** • Problem-solving and doubt resolution session on topics from the last week
		Project: Music Playlist Manager
Week 4	Strings, Recursion & Backtracking	**Session 10**: **Saturday (3 hrs.)** • String Manipulation Problems
		Session 11: Sunday (3 hrs.) • Recursion
		Session 12: Friday (3 hrs.) • Backtracking
		Project: Sudoku Solver
Week 5	Stacks and Queues	**Session 13**: **Saturday (3 hrs.)** • Stacks and Queue
		Session 14: **Saturday (3 hrs.)** • Monotonic Stack/Queue
		Session 15: Friday (3 hrs.) • Problem-solving and doubt resolution session on topics from the last week.
Week 6	Sliding Window	**Session 16**: **Saturday (3hrs.)** • Sliding Window and 2 Pointers
		Session 17: Sunday (3hrs.) • Sliding Window Max/Min/Median
		Session 18: Friday (3 hrs.) • Problem-solving and doubt resolution session on topics from the last week**.**
		Project: Outlook Calendar Design
Week 7	Binary Trees	**Session 19: Saturday (3 hrs.)** • Binary Trees
		Sunday 20: Sunday (3 hrs.) • Binary Trees Problems
		Session 21: Thursday (2 hrs.)

		• LCA in Binary Tree, Problem-solving and doubt resolution session on topics from the last week.
Week 8	Binary Search Trees (BST)	**Session 22: Saturday (3 hrs.)** • Binary Search Trees
		Session 23: Sunday (3 hrs.) • BST Problems
		Session 24: Friday (3 hrs.) • Practice Session Trees
		Project: Balanced BST Design
Week 9	Heap	**Session 25: Saturday (3 hrs.)** • Heap
		Session 26: Sunday (4 hrs.) • Problem Discussion I
		Session 27: Friday (3 hrs.) • Problem Discussion II
Week 10	Dynamic Programming	**Session 28: Saturday (3 hrs.)** • Dynamic Programming
		Session 29: Sunday (3 hrs.) • Unbounded Knapsack DP
		Session 30: Friday (3 hrs.) • Longest Common Subsequence DP
Week 11	Matrix Chain Multiplication DP	**Session 31: Saturday (3 hrs.)** • Matrix Chain Multiplication DP
		Session 32: Sunday (3 hrs.) • MCM DP Problems Discussion
		Session 33: Friday (3 hrs.) • DP On Trees
Week 12	Tries (Advanced Data Structure)	**Session 34: Saturday (3 hrs.)** • DP Assignment, Important Question Discussion
		Session 35: Sunday (3 hrs.) • Tries
		Session 36: Friday (3 hrs.) Tries Project Discussion
Week 13	Graphs	**Session 37: Saturday (3 hrs.)** • Graphs
		Session 38: Sunday (3 hrs.) • BFS, DFS Questions Practice
		Session 39: Friday (3 hrs.) • Additional Problems on BFS / DFS
Week 14	Graph Topological Sorting	**Session 40: Saturday (3 hrs.)** • Graph Topological Sorting
		Session 41: Sunday (3 hrs.) • Shortest Path Algorithm and questions on topological sorting
		Session 42: Friday (3 hrs.) Shortest Path Algorithm and question discussion on Shortest Path and Topological Sort
		Session 43: Saturday (3 hrs.)

Week 15	Minimum Spanning Trees, Krushal's Algoritm and Disjoint Set	• Shortest Path Question Discussion, Minimum Spanning Trees
		Session 44: Sunday (3 hrs.) • Kruskal's Algorithm and Disjoint Set
		Session 45: Friday (3 hrs.) • Project Discussion & Problem Solving
Week 16	Bit Manipulation, Advanced Math	**Session 46: Saturday (3 hrs.)** • BIT Manipulation
		Session 47: Sunday (3 hrs.) • Advanced Maths
		Session 42: Friday (3 hrs.) • Project Discussion & Problem Solving
Week 17	Career Sessions	**Session 43: Saturday (3 hrs.)** • Resume Building and Interview Search
		Session 44: Sunday (3 hrs.) • Career Guidance and Offcampus Job Hunt
		• Resume Review and guidance on contest and competitive programming