



STL Algorithms in a Nutshell

Special class



STL Algorithms

Part Of: Course on Standard Template Library (STL) in C++

Starting From October 14

Let's crack Competitive Programming together!



Sanket Singh



- Software Development Engineer @ **LinkedIn**
- Former Software Developer @ **Interviewbit/Scaler**
- Former Product Engineer @ **Coding Blocks**
- Cracked **Google** Summer Of Code 2019 under **Harvard University**
- Former Research Intern @ **ISRO (Indian Space Research Organisation)**
- Taught 7,500+ programmers in Data Structures, Algorithms and Fundamentals of Computer Science
- Work experience with Startups like **Kakcho**, **Talview**, **FableHQ**
- Got **Rank 1** in Codechef Long Challenges
- Won **Infosys** Digital Make-a-thon



What we will discuss today??

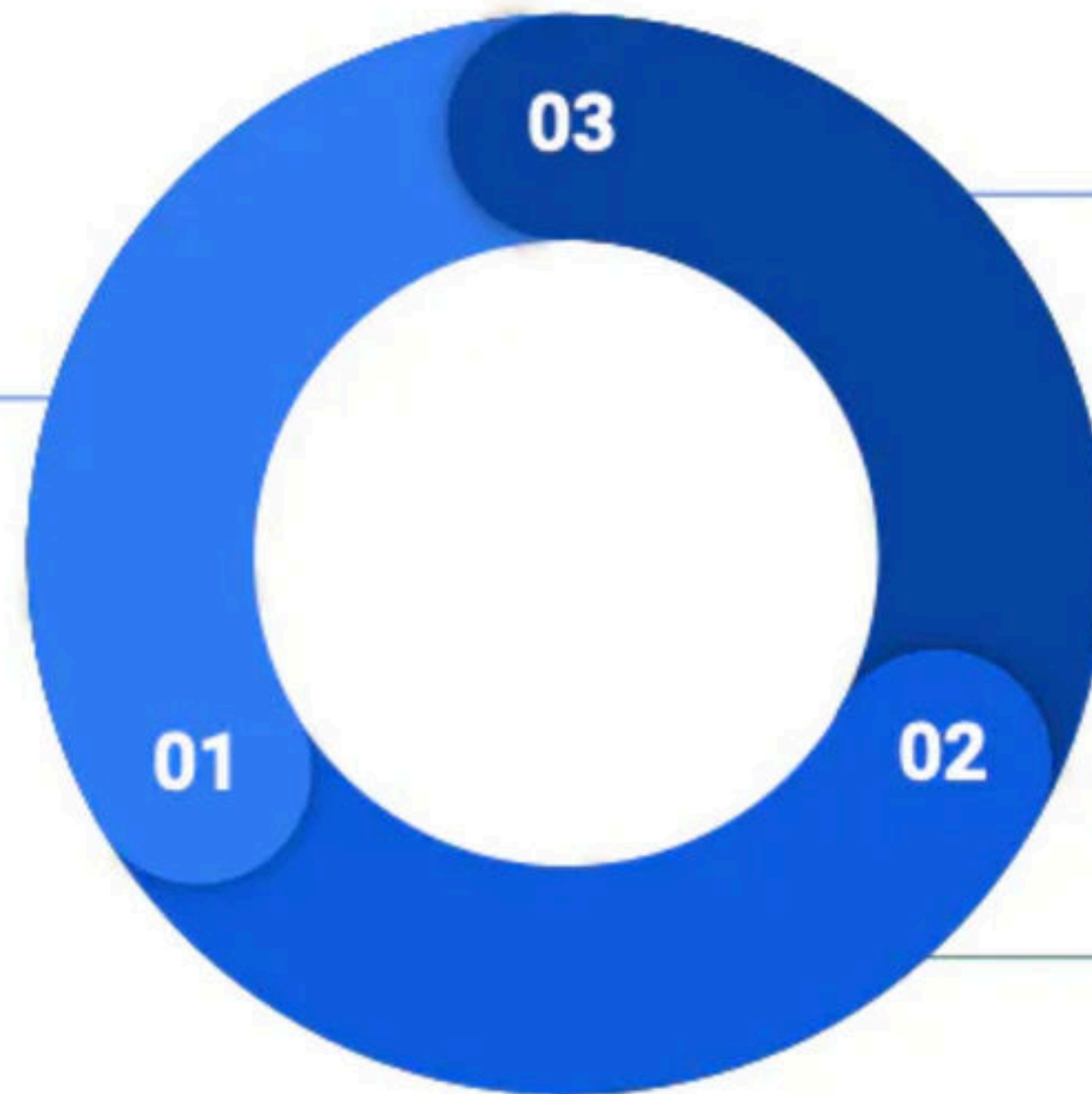
- STL Algorithms
- sort
- next_permutation
- lower_bound
- upper_bound
- gcd
- Problems on STL Algorithms



What you will get

Live Interactive Classes

Attend live interactive classes with our top educators.



Doubt Support

Get your doubts resolved by our expert panel of teaching assistants and community members

Practice Relevant Problems @ CodeChef

Each class comes with a set of curated practice problems to help you apply the concepts in real time.



Educators

- **Curated faculty** with a strong **background in competitive programing** & hands on experience of educational training.
- Highly competent technical minds with **ICPC world finals, IOI medals**, IOI team training experience and Codeforces Grandmasters as accolades.
- Alumni of the most respected technology teams from around the world. (Google, Flipkart, LinkedIn, Facebook, Amazon, Goldman Sachs, AppDynamics)
- Young & dynamic faculty to make each class as engaging as they are informative.



Educators



Deepak Gour

ICPC World Finalist 2020 | Former Instructor
@InterviewBit | Software Engineer at AppDynamics



Himanshu Singh

World Finalist ICPC 2020, Winner Techgig Code
Gladiators 2020, Winner TCC '19, 2020 CSE Graduate
from IIT BHU, Works at Nutanix



Arjun P

I am an IOI 2015 bronze medallist, and my team
qualified for the upcoming ICPC 2020 World Finals to
be held in Moscow, Russia.



Murugappan S

Software engineer at Google. Have won many
programming contests. Max Rating of 2192 in
codeforces and 2201 in codechef.



Triveni Mahatha

Qualified ICPC 2016 World Final. Won multiple
Codechef Long Challenges (India). ICPC Onsite
Regionals' Problem setter and Judge. IIT Kanpur.



Tanuj Khattar

ACM ICPC World Finalist - 2017, 2018. Indian IOI Team
Trainer 2016-2018. Worked @ Google, Facebook, HFT.
Quantum Computing Enthusiast.



Educators



Riya Bansal

Software Engineer at Flipkart | Former SDE and Instructor @ InterviewBit | Google Women TechMakers Scholar 2018



Sanket Singh

Software Development Engineer @ LinkedIn | Former SDE @ Interviewbit | Google Summer of Code 2019 @ Harvard University | Former Intern @ISRO



Nishchay Manwani

Hey I am Nishchay Manwani from CSE, IIT Guwahati and I'm a Seven star on Codechef and International Grandmaster on Codeforces.



Pulkit Chhabra

Codeforces: 2246 | Codechef: 2416 | Former SDE Intern @CodeNation | Former Intern @HackerRank

and many more joining soon...



Topic-wise structure

Beginner	<ul style="list-style-type: none">● Introduction to programming● C++ Foundation	<ul style="list-style-type: none">● Java Foundation● Python Foundation
Intermediate	<ul style="list-style-type: none">● Basic Data Structures● STLs● Sorting and Searching● Greedy Algorithms	<ul style="list-style-type: none">● Basic Data Structures 2● Number Theory● Recursion and DP
Advanced	<ul style="list-style-type: none">● Segment Trees● Trees and Graphs● Advanced Dynamic Programming	<ul style="list-style-type: none">● Graphs 2● Computational Geometry
Misc	<ul style="list-style-type: none">● ICPC Regionals + World Finals problem solving	



Upcoming Courses



ENGLISH **INTERMEDIATE**

Course on Greedy Algorithms

Starts on Sep 21, 2020 • 8 lessons

Murugappan S



HINDI **ADVANCED**

Detailed Course on Graphs - I

Starts on Sep 21, 2020 • 9 lessons

Pulkit Chhabra



HINDI **INTERMEDIATE**

Course on Introduction to Number Theory

Starts on Sep 22, 2020 • 8 lessons

Nishchay Manwani



Upcoming Courses



ENGLISH **BEGINNER**

Course on Recursion and Dynamic Programming

Starts on Sep 22, 2020 • 12 lessons

Arjun P



ENGLISH **INTERMEDIATE**

Course on Sorting and Searching

Starts on Sep 22, 2020 • 10 lessons

Riya Bansal



HINDI **INTERMEDIATE**

Course on Standard Template Library (STL) in C++

Starts on Sep 23, 2020 • 11 lessons

Sanket Singh



Upcoming Courses



HINDI **INTERMEDIATE**

Course on Basic Data Structures - I

Starts on Sep 26, 2020 • 11 lessons

Deepak Gour



HINDI **INTERMEDIATE**

Course on Data Structures (Square Root Decomposition)

Starts on Sep 26, 2020 • 5 lessons

Tanuj Khattar



HINDI **BEGINNER**

Course on Introduction to Competitive Programming with C++

Starts on Sep 26, 2020 • 10 lessons

Triveni Mahatha



Teaching Assistants support on chat and Doubts Forum



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Learn Competitive Programming with CodeChef

Trees and Graphs

Pulkit Chhabra

Starts on 21 Sep



CODECHEF

unacademy

🔼 Name

🔼 Code

🔼 Successful Submissions

🔼 Accuracy

Problems will be available in 6 days 7 hrs 23 mins 22 sec

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Disjoint Set Union - II

Today, 7:00 PM

Pulkit Chhabra



Discussion on Merge Sort &...

Today, 9:00 PM

Riya Bansal



Headstart to Strings in STL

Today, 10:00 PM

Sanket Singh



ICPC past problems

Sep 19, 2020, 3:30 PM

Himanshu Singh