



ALGORITHM ARENA (SEASON 1)

Problem Set –(16-12-2025)



DIVISION 1 (For Absolute Beginners) [Solutions will be provided every alternate days]

Week 1

Day 1 - 2

For Java People

[Introduction to Programming - Types of Languages, Memory Management](#)

[Flow of Program - Flowcharts & Pseudocode](#)

[Introduction to Java - Architecture & Installation](#)

[First Java Program - Input/Output, Debugging and Datatypes](#)

[Introduction to Arrays and ArrayList in Java](#)[Conditionals and Loops + Calculator Program](#)

[Switch Statements + Nested Case in Java](#)

[Functions / Methods in Java](#)

For C++ People

[C++ Basics in One Shot - Strivers A2Z DSA Course - L1](#)

DECEMBER 16, 2025

GDGOC@SOA ITER

Jagmohan Nagar, Bhubaneswar, Odisha 751030



DIVISION 2 (For Intermediates) [Solutions will be provided every alternate days]

Day Range	Problem	Platform	Link
Day 1–2	Selection Sort	GFG	Selection Sort - GeeksforGeeks
	Bubble Sort	GFG	Bubble Sort - GeeksforGeeks
	Merge Sort	GFG	Merge Sort - GeeksforGeeks
	Helpful Maths	Codeforces	Problem - 339A - Codeforces
	Twins	Codeforces	Problem - 160A - Codeforces

DECEMBER 16, 2025
GDGOC@SOA ITER
Jagmohan Nagar, Bhubaneswar, Odisha 751030