



Beginners

Sessions - 12

- ☀ Day 1 ⌚ 1 Hour
✓ Introduction to Programming
- ☀ Day 2 ⌚ 1 Hour
✓ Operators and Expressions
- ☀ Day 3 ⌚ 1 Hour
✓ Data Types and Input / Output Operators
- ☀ Day 4 ⌚ 1 Hour
✓ Decision Making: if, else
- ☀ Day 5 ⌚ 1 Hour
✓ Nested if and else
- ☀ Day 6 ⌚ 1 Hour
✓ Control Statements: Switch Case
- ☀ Day 7 ⌚ 1 Hour
✓ Control Statements: while, do-while, for
- ☀ Day 8 ⌚ 1 Hour
✓ While, Do While, for loop and its Practise
- ☀ Day 9 ⌚ 1 Hour
✓ Strings and 2-D Arrays
- ☀ Day 10 ⌚ 1 Hour
✓ Space-Time Complexity
- ☀ Day 11 ⌚ 1 Hour
✓ Recursion and Stack and Queues
- ☀ Day 12 ⌚ 1 Hour
✓ Revision of Stack and Queues

Intermediate

Sessions - 12

- ☀ Day 1 ⌚ 1 Hour
✓ Pointers
- ☀ Day 2 ⌚ 1 Hour
✓ Back-tracking
- ☀ Day 3 ⌚ 1 Hour
✓ Space-Time Complexity Analysis and Recursion
- ☀ Day 4 ⌚ 1 Hour
✓ Array and Bit-Masking Vectors
- ☀ Day 5 ⌚ 1 Hour
✓ Stack Queues Problems
- ☀ Day 6 ⌚ 1 Hour
✓ Linked Lists
- ☀ Day 7 ⌚ 1 Hour
✓ Divide and Conquer
- ☀ Day 8 ⌚ 1 Hour
✓ Sorting Algorithms
- ☀ Day 9 ⌚ 1 Hour
✓ More Sorting Algorithms
- ☀ Day 10 ⌚ 1 Hour
✓ Binary Search Variants
- ☀ Day 11 ⌚ 1 Hour
✓ Recursion and Stack and Queues
- ☀ Day 12 ⌚ 1 Hour
✓ Revision of Stack and Queues

Advanced

Sessions - 12

- ☀ Day 1 ⌚ 1 Hour
✓ Stacks, Queues
- ☀ Day 2 ⌚ 1 Hour
✓ Linked Lists
- ☀ Day 3 ⌚ 1 Hour
✓ Graphs and its Applications
- ☀ Day 4 ⌚ 1 Hour
✓ Heaps and its Time Complexity
- ☀ Day 5 ⌚ 1 Hour
✓ Priority Queues and its Time Complexity
- ☀ Day 6 ⌚ 1 Hour
✓ Binary Search Trees
- ☀ Day 7 ⌚ 1 Hour
✓ Questions
- ☀ Day 8 ⌚ 1 Hour
✓ Greedy Techniques and Questions
- ☀ Day 9 ⌚ 1 Hour
✓ Dynamic Programming and its Questions
- ☀ Day 10 ⌚ 1 Hour
✓ Complete C++ STL
- ☀ Day 11 ⌚ 1 Hour
✓ Questions
- ☀ Day 12 ⌚ 1 Hour
✓ Interview Problems