Tech & Programming
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C++ Roadmap

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Learn C in 21 Days

Complete Roadmap

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Day 01 :

›› Introduction to C++

- C++ Introduction
- Setting up C++ environment
- C++ vs C
- C++ vs Java
- Hello World program in C++

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Day 02 - 03:

›› Variables, Datatypes, & Operators

- Variables & Data types in C++
- Operators in C++
- Reference variable in C++
- Operator Overloading
- Default Arguments in C++

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Day 04 - 06 :

›› Conditional & Control Flow Statement

- Loops in C
- Dicision making statements (if, else)
- Switch statement in C
- Continue & Break statements
- Practice Questions

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Day 07 - 09 :

›› Array, Pointers & String

- Array & Strings in C++
- Pointers in C++
- Pointers vs References
- Namaspace in C++
- Practice Questions

Day 10 - 13 :

›› Functions & OOP's

- Functions in C++
- Function Overloading
- C++ Classes and Objects
- OOP in C++
- Constructors
- Practice Questions

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Day 14 - 17 :

›› I/O streams, dynamic memory & STL in C++

- Files & Streams in C++
- Dynamic memory allocation in C++
- malloc() vs new
- Templates in C++
- C++ Standard Template Library (STL)
- Practice Questions

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Day 18 - 21 :

›› Exception, signal handling & Multithreading in C++

- Exception Handling in C++
- Signal Handling in C++
- Stack unwinding
- Multithreading in C++
- Practice Questions

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