


Introduction

Data Types and Variables

Control Flow Statement

Arrays and Pointers

Structures

File Input and Output
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C C++

C C++ Training in Chennai

Are you looking for a resource that will educate you on the fundamentals of C C++? BITA provides C C++ Training in Chennai for college students and freshers. Anyone can learn the fundamentals of C C++ by using real-world applications with the help of this course. Our Modules cover fundamental programming concepts such as data types, variables, control flow statements, arrays, pointers, strings, and more.

What are C and C++?

C is a programming language that includes object and class support. C++ is a hybrid of object-oriented and procedural programming languages. C contains 32 keywords, while C++ has 63. C has built-in data types, but C++ has built-in and user-defined data types. C++ is used to create browsers, operating systems, and apps, as well as game programming, software engineering, data structures, and other tasks. This language has been around for almost 40 years and has been used in various software challenges and projects. C++ is a top programming language that is used to create high-performance software.

Advantages of C++

- C++ is a sophisticated programming language that supports a variety of programming styles, such as functional, procedural, and object-oriented programming.
- It is a quick language, with a shorter compile and execution time than other programming languages.
- The C++ programming language is ideal for large projects. C++ is used in many projects, including compilers, cloud storage systems, databases, game development, graphic design, etc.
- The big C++ community means that learning this language will be more accessible and more versatile. A learner's community is significant.
- C++ is an intermediate-level programming language; knowing it will give you a much better understanding of programming structure. In C++, you must write, define, and explain everything in the source code, giving you a thorough knowledge of all software components.

Syllabus of C C++ Training

Part 1: INTRODUCTION

The C Language and its Advantages

The Structure of a C Program

Writing C Programs

Building an Executable Version of a C Program

Debugging a C Program

Examining and Running a C Application Program

Part 2: DATA TYPES AND VARIABLES

Data Types

Operands, Operators, and Arithmetic Expressions

Part 3: INPUT/OUTPUT MANAGEMENT

The Input/output Concept

Formatted Input Function

Part 4: CONTROL-FLOW STATEMENTS

The Control-Flow Program Statements

Looping Statements

The Data-checking process

Part 5: MODULAR PROGRAMMING WITH FUNCTIONS

The C Function

Passing Data to Functions

Passing an Address to Modify a Value in Memory

Using Functions in the Checkbook Program

C Standard Library Functions

Part 6: ARRAYS, POINTERS, AND STRINGS

Arrays, Pointers, Strings

Using Arrays, Strings, and Pointers in the Checkbook Program

Part 7: STRUCTURES

Structures

Arrays of Structures

Passing Structures to Functions

Nesting Structures

Part 8: FILE INPUT/OUTPUT

Command-line Arguments

Combining Command-line

C C++ Certification Training

In an increasingly competitive industry, certifications are essential for gaining trust and demonstrating knowledge to clients and existing or potential employers. C++ Certified Associate Programmer (CPA) is a professional certificate that measures your ability to accomplish coding tasks related to the basics of programming in the C++ language and the fundamental notions and techniques used in object-oriented programming. Obtaining a certificate demonstrates your dedication to improving your skills. The certificate can supplement your CV, resume, or LinkedIn profile. It offers you the credibility you need to take on more significant duties, work on larger projects, and earn higher pay. Knowledge is power, particularly in today's work environment. Documenting your skills allows you to develop your career or start a new one. Sign up for C C++ Training in Chennai.

- C++ Certified Associate Programmer Certification

Job Opportunities in C C++

The C++ programming language is used practically everywhere in the globe. For example, it is used to create browsers, applications, and software. Furthermore, C++ is widely utilized in developing operating systems, and practically all operating systems, such as Mac OS, Windows, and Linux, are written in C++. There is an ideal possibility that every other successful programmer or software developer is familiar with the concepts and fundamentals of C++. Numerous jobs require the C++ programming language. Because it is a universal language, it is in high demand among professionals. C++ is the fourth most used programming language in the world. Because C++ is an old language, and a lot of code is already written, job options for C++ programmers are vast. In India, the average salary for a C++ Developer is 8 LPA.

The following are some of the job positions in C++

- Software developers
- Game developers
- C++ analysts
- C++ Developer
- Backend developers
- C Programmer

Why should you select us?

- You will learn to write C C++ coding once you complete the **C C++ Training in Chennai**.
- We offer the Best **C C++ Training in Chennai** Chennai for Professionals and students who want to start their careers in Software Development.
- Our trainer's teaching skill is excellent, and they are very polite when clearing doubts.
- We conduct mock tests that will be useful for your **C C++ Interview Preparation**.
- Even after completing your **C C++ Training in Chennai**, you will get lifetime support from us.
- We know the IT market, and our **C C++** content aligns with the latest trend.
- We provide **classroom training** with all essential preventative precautions.
- We provide **C C++ Online training** on live meetings with recordings.

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