Online C AND C++ Training
Learn the world's most popular programming language
Duration: 6 weeks | Certified Training

About Programming with C and C++ training:

The Internshala Online Training on C and C++ is a 6 weeks training program in which students will learn C and C++ programming, techniques of integrating function sets, generic application development and general method of architecting business solutions. At the end of the training, students will develop a library management software using C++. The training also includes a mini project of form validator using concepts of C programming where students will apply the concepts of loops, string handling, pointers, and structures. Following are the detailed table of contents of the training:

Table of Contents

1. **Basics: C Language:** *Study the basics of C language and learn to write your own functions.*

   - Getting Started
   - C Data Types, Variables and Operators
   - Writing basic instructions
   - Decision Making
   - Loops
   - C Standard Library
   - Writing your own functions
   - Preprocessor Commands

2. **Advanced: C Language:** *Learn the concepts of arrays, pointers, structures, and unions.*
   - Functions
   - Arrays
   - Pointers in C
   - Strings
   - Structures & Unions
   - File I/O
   - C: Project

3. **Introduction to OOP and C++:** *Learn about objects, classes, structures, and unions.*

   - Validator Function
   - Classes and Objects
   - Discussion on OOP Features
   - Constructors & Destructors
   - Access Modifiers
   - Constructor and Function Overloading
   - C++ Standard Library

4. **Advanced: C++:** *Study the concepts of abstract classes and exception handling.*

- Dealing with Inheritance
- Abstract Classes and Interfaces
- Files and Streams
- Dynamic Memory Handling
- Exception handling
- Namespaces
- C++ Templates

Excited to learn C and C++, click here to sign-up for the training.
FAQs

What is this training program about?

This is an online training program in which you will learn C programming and C++ online. You will be trained to write functions and develop applications.

How will the training be imparted?

Training will be delivered using state of the art online tutorials and interactive exercises provided. Content developer and industry expert Mr. Santanu Karmakar, a programming expert with 24+ years of experience in multiple multinational corporates, will be available to clear your doubts through live chat and will be answering your queries on the Q&A forum. Please note this is NOT an instructor-led training.

What is the duration of this training?

This is a 6 weeks training program.

What are the timings of this training program?

As this is a purely online training program, students can choose to learn at any time of the day. We will recommend a pace to be followed throughout the program, but the actual timings can be decided by students according to their convenience.

Who can join? I am a beginner/advanced user, can I learn C programming?

This training would be better suited to beginners who have no prior knowledge of programming. College students and recent graduates are eligible to join this program.

Are there any pre-requisites for joining this program? This
program is for beginners. There are no pre-requisites.

Will there be any project that I will get to work on?

Yes. At the end of the training, you will develop a library management software in C++, this includes a mini project that validates inputs using C and applies the concepts of loops, string handling, pointers, and structures.

What hardware/software are required for doing this training?

No hardware is required for doing this training. All the necessary software are uploaded online which can be downloaded during training.

Will there be a certificate provided at the end of the training?

Yes, a certificate will be provided by Internshala upon completion of the training. Students may download a soft copy of the certificate through our portal.

Will I be able to download the training content?

If you sign up for this training, you can download the entire training content towards the end of your training. The download link will be available on your home page 18 days after the start of your training till the end of your training.

Can the material be used by a group of students?

No. These training programs are meant for individual users. Multiple users will not be allowed to access the portal using the same account.

If you have any queries or doubts regarding the training, please write to us at trainings@internshala.com or call us on +91 85860 80747.