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C

Programming Languages

Online LMS

e-Books/Videos

100% Placement



C – PROGRAMMING

Course Overview

Our course is designed to help student to get started in C programming language. To learn C Programming language you should have a basic understanding of Computer Programming terminologies, but the basic understanding of any other programming languages will help you to understand the C programming concepts quickly.

C is one of the most popular and widely used programming language, used to develop system application software after successfully completion of the course student will able to develop small programs for personal amusement to new operating system.

The UNIX operating system, the C compiler, and essentially all UNIX application programs have been written in C. C has now become a widely used professional language for various reasons –

- Easy to learn
- Structured language
- It produces efficient programs
- It can handle low-level activities
- It can be compiled on a variety of computer platforms

Some Facts about C programming language:-

- In **1988**, the **American National Standards Institute (ANSI)** had formalized the C language.
- C was invented to write **UNIX** operating system.
- C is a successor of 'Basic Combined Programming Language' (BCPL) called **B language**.

- **Linux OS, PHP, and MySQL** are written in C.
- C has been written in assembly language.

Uses of C Programming Language:-

In the beginning, C was used for developing system applications, e.g.

- Database Systems
- Language Interpreters
- Compilers and Assemblers
- Operating Systems
- Network Drivers
- Word Processors

For doing any course, we have to know about what we are going to do, what is the significance of that course? Is it good for us? or What is the scope of that course? So , Don't worry We "ATTITUDE ACADEMY " at Yamuna Vihar always here for you to solve your all queries regarding this course and "C PROGRAMMING LANGUAGE" When you are come to our INSTITUTE or our website, you can see we are starting from first step to last step regarding course details and "C PROGRAMMING LANGUAGE" classes guidance.

Eligibility For This Course

Student should have a basic understanding of Computer Programming terminologies.

Soft wares Needs For Programming

- Turbo C
- Borland C
- C free
- C Online compiler

Complete Syllabus

- Overview of C
- Features of C
- C - Program structure
- C - Basic syntax
- Keywords and Identifier
- Operators in C language
- Data Types in C
- Variables in C
- C Input/ Output
- Type Casting
- Decision Making
- Switch Statement
- Looping
- C – Scope Rules
- Arrays
- String and Character array
- Storage Classes

- **Functions in C**
 - ❖ Introduction to Functions
 - ❖ Types of Functions and Recursion
 - ❖ Types of Function calls
 - ❖ Passing Array to Function

- **Structure in C**
 - ❖ All about Structures
 - ❖ Typedef
 - ❖ Unions

- Pointers in C
- **Advanced Topic in C**
 - ❖ File Handling
 - ❖ Error Handling
 - ❖ Dynamic memory allocation
 - ❖ Command Line Argument

Training Duration

- 2 Months - Monday to Friday basis (2 hrs/day)
- 3 Months – Saturday and Sunday basis (3 hrs/day)

“Attitude Academy” is one of the best institute in north and East Delhi Yamuna Vihar, having experienced and qualified professional experts, providing you the best “Short term and Long term classes” in computer application. If you want to join short term or any long term computer programming languages then, come and join our “Attitude Academy” we are always with you...

~~yesterday~~

NOW

~~tomorrow~~



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