



NTI TECH ACADEMY

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## C LANGUAGE

### Best C Language Training

Are you Looking for the **Best Institute for C Language Training Course**? NTI Tech academy offers C Language training classes with live projects by expert trainers . Our C Language training program specially designed for Under-Graduates (UG), Graduates, working professionals, and also for Freelancers. We provide end to end learning on C Language Domain with deeper dives for creating a winning career for every profile.

### Why To Enroll In Our C Language Training Course

We Focus on Innovative ideas, High-quality Training, Smart Classes, 100% job assistance, Opening the doors of opportunities. Our C Language Trainees are working across the nation. We are offering No#1 C Language Course in industry with 100% Placement.

### What Our Students Will Get During C Language Training Course?

Get dedicated student support, career services, industry expert mentors, and real-world projects. Career Counseling. Timely Doubt Resolution. 50% Salary Hike, Career Counseling Case Studies + Tools + Certificate.

**Website** – [www.ntitechacademy.com](http://www.ntitechacademy.com)

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## Course Module

### INTRODUCTION TO C

- History of C language
- Features of C language
- Importance of C language
- Procedural approach

### C LANGUAGE ENVIRONMENT

- Introduction to compiler, interpreter, assembler
- Working of compiler
- Compiling, linking and running process
- IDEs

### BASICS OF C LANGUAGE and Buzzwords

- Preprocessor directives
- Data type
- Variables
- Constants
- Identifiers
- Tokens
- Keywords

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## INPUT AND OUTPUT INSTRUCTIONS

- Reading and writing functions
- Built in functions

## FLOW CONTROL STATEMENTS

- Jump statements(goto, break, continue)
- If statement
  - If else statement
  - Nested if else statement
  - If else if ladder statement
  - Switch case statement
  - Loops(for, while, do while)

## POINTERS

- Introduction to pointers
- Pointer expressions
- Types of Pointers
- Void Pointer
- NULL Pointer
- Wild Pointer
- Dangling Pointer
- Various examples of pointers
- Pointer Arithmetics
- Array using pointers
- String using pointers
- Pointers in Functions

## ARRAY AND STRING

- Introduction to array
- One, two, multi-dimensional arrays
- Various operations on array •

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Applications of array

- Sorting and searching in array •

Introduction to string

- Various operations on strings •

Applications of string

## ENUM

- Introduction to enum

- Various examples of enum

## FILE MANAGEMENT

- Introduction to file management •

File opening modes

- Opening and closing a file •

Input output operations on file •

Error handling

- Command line arguments •

Applications of file management

## PREPROCESSOR

- Macros

- File inclusions

- Compiler control directives

## FUNCTIONS

- Introduction to functions •

Types of functions

- Nesting of functions

- Various examples of functions •

Integer passing in functions •

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Strings passing is functions •  
Function returning address •  
Recursion • Storage classes

## STRUCTURE

- Introduction to structure •
- Advantages of structure •
- Array of structure
- Structure using pointer
- Structure with functions
- Applications of structure

## UNION

- Introduction to union
- Advantages of union

## DYNAMIC MEMORY ALLOCATION

- Introduction to dynamic memory allocation •
- Advantage of dynamic memory allocation •
- Malloc(), calloc(),realloc(),free();
- Array implementation using dynamic memory allocation

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