



C Training

TRAINING DURATION 70 Hrs / 2 Months / Customized

TRAINING CHARGE 3,000+ Service Tax

Details of C Training Modules

1. INTRODUCTION TO C

- History of c
- Features of c
- Importance of c
- About Procedural Language

2. INTRODUCTION TO

- Role of computer
- Role of Interpreter
- Compiling and linking

3. AN OVERVIEW OF C AND BUZZWORDS

- Data type , variables
- Operators
- Control Statements
- Preprocessor Directives

4. INPUT AND OUT PUT OPERATION

- Reading / writing character
- Formatted input /output Function

5. DECISION MAKING AND LOOPING

- The if – else statements
- Nesting of if –else statements

- The switch statements
- The while statements
- The Do and for Statements
- Demy For

6. ARRAYS AND STRINGS

- One /two /multi Dimensional Arrays
- Reading String from terminal
- Writing String to screen
- String handling function
- Table of String
- Indexical Pointe Array

7. FUNCTION

- Defining Function
- Benefit of function
- Recursion
- Nesting of function
- Variable Storage Classes
- Variable arguments function

8. POINTERS

- Understanding Pointers
- Pointer Expressions
- Pointer and Arrays
- Pointers and character String
- Pointers to Functions
- Pointers and Structures
- Advance pointer Concept



9. STRUCTURES AND UNIONS

- Defining a Structure
- Benefit of Structure
- Size of Structure
- Arrays of Structures
- Structures and Functions
- Defining Unions

10. DYNAMIC MEMORY ALLOCATION

- Introduction to Dynamic Memory Allocation
- Malloc , calloc , Realloc free
- Concepts of Linked Lists
- Creating a Linked Lists
- Inserting /Deleting an item
- Application of Linked Lists

11. FILE MANAGEMENT IN C

- Introduction to File Management
- Opening /Closing a File
- Input /Output Operations on Files
- Error Handling During I/O Operations
- Command Line Arguments

12. THE PREPROCESSOR

- Macro Substitution
- File Inclusion
- Compiler Control Directives

13. DATA STRUCTURE WITH C

- Introduction of link List & Array
- Stack with Array and liked list



- Queue with Array and linked list
- Sorting like Bubble , Insertion ,Quicksort , Mergesort etc
- Searching

TRAINING SCHEDULE - Please contact us for latest training schedule

TRAINING MODE

We give flexible learning options to trainees

- Instructor Lead (REGULAR / ONLINE / WEEK-END / PART-TIME / COMBINED-FLEXIBLE)
- INSTRUCTOR LEAD LIVE ONLINE TRAINING MODE - You can join the training from any part of world

CONTACT DETAILS

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