

Certification In C Language Course

Course Content

INTRODUCTION

- * Introduction To Computer
- * Introduction To GUI Based Operating System
- * Elements Of Word Processing
- * Spreadsheets
- * Computer Communication And Internet
- * WWW And Web Browsers
- * Communication And Collaboration
- * Making Small Presentation

WORDS & SENTENCES IN C

- * Alphabets In C
- * Keywords In C
- * Rules Of Forming Words In C Language
- * Data Variables, Data Types And Rules For Naming And Declaring Data
- * Variables
- * Basic Data Types In C
- * Constants
- * Comments In C

C INSTRUCTIONS AND RULES FOR WRITING

- * Types Of Instructions
- * Data Manipulation Instructions
- * Input/Output Instructions

FLOW CONTROL INSTRUCTIONS

- * Decision Control Instructions
- * If
- * If-Else
- * If-Else-If
- * Nested If-Else

FUNCTIONS

- * Why Use Functions
- * Components Of Function
- * Name Of A Function
- * Body Of A Function
- * Local Variables Of A Function
- * Parameters Or Arguments To A Function

- * Return Value
- * Prototype Of A Function

ARRAYS

- * What Is An Array
- * Array Declaration
- * Array Initialization
- * Accessing Individual Elements Of An Array
- * Two Dimensional Arrays
- * Passing An Array Element To A Function
- * Rules Of Using An Array

POINTERS

- * What Is A Pointer
- * Declaring A Pointer Variable
- * Initializing A Pointer Variable
- * Using A Pointer Variable
- * Pointer Arithmetic
- * Pointers And Array
- * Passing An Entire Array To A Function

STRINGS

- * What Are Strings
- * String I/O
- * String Manipulation Functions

STRUCTURES

- * Declaring And Accessing Structure
- * Variables Uses Of Structures
- * Unions

STORAGE CLASSES AND SCOPING

- * Automatic
- * Register
- * External
- * Static
- * Scope Of The Variable