

C Training Course Overview

Introduction to 'C' language

- Features of C
- History
- Structure of C Program
- Keyword, Identifiers & Constants

Data types

- Primitive Data Types
- Aggregated Data Types

Operators

- Binary Operators
- Unary Operators
- Ternary Operators
- Special Operators
- Order of Evaluation

Selections

- Simple if
- if..else
- Nested if
- if..else ladder
- Goto Statement
- Break and Continue Statement
- Switch..Case statement

Iteration

- While
- For
- Do..While
- Nested loop Statements

Arrays

- Introduction to arrays
- Need for Arrays

- Types of arrays
- One Dimensional Arrays
- Two Dimensional Arrays
- Multi Dimensional Arrays

String manipulation

- Declaring String
- Initializing String
- String Functions
- String Formatted Specifiers
- Multiple Strings

Functions

- Introduction to Functions
- Need for Functions
- Classification of Functions
- Function Prototype
- Defining Function
- Calling Function
- Function with Arrays
- Function with Strings
- Recursive Functions

Storage class specifiers

- Automatic
- Extern
- Static
- Register

Structures

- Introduction to structures
- Declaring a Structure
- Introduction to Structures

unions, enum

- Introduction to Union
- Declaring Union
- Difference between Structures and Unions

- Enumerations
- Typedef

Pointers