



## C Language

### Algorithm and Flowcharts

- Working with Algorithm
- Working with Flowchart

### Introduction of 'C'

- Identifiers, Keywords and constraints
- Variables
- Data types in C
- Translators
- Basic Structure of C
- Process of C programming

### Compiler /Interpreter

- Introduction of Compiler
- Introduction of Interpreter
- Difference between Compiler and Interpreter

### Operator in C

- Unary
- Binary
- Ternary

### Header files in C

- Use of Header File



## Decision Condition Statement

- What is condition
- If else statement
- Nested if

## Looping Statement

- Introduction of Loop
- Types of Loop
- While Loop
- Do.....While Loop
- For Loop
- Nested Loop

## Switch Statement in C

- Introduction of Switch Statement
- Need of Switch Statement
- Roll of Break Statement
- Roll of default Statement

## Array

- Need of array
- One dimensional array
- Two dimensional array
- Introduction of Multidimensional

## Function

- User define function
- Built in function
- Difference between call by value and call by reference.
- Recursion of Function

## Pointer

- Introduction of Pointer
- Pointer to pointer
- Array using pointer
- Function using pointer



## Structure

- Introduction of Structures
- Array of Structure
- Nested Structure
- Structure with array
- Structure with Function

## File Handling

- Reading from the file
- Writing into the files
- Appending a file



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