

**The ‘C’ Language**

1. Features of ‘C’ language
2. Structure of a C Program
3. Components of a Program
4. Standard Library Routines------🡪 printf( )
5. New Line Character
6. Adding a Comment
7. Data types, Variables and Consonants
8. C Operators

Arithmetic Operator

Assignment Operator

Relational Operator

Increment and Decrement Operator

Bit Operator

Logical Operator

1. Input/Output

The printf() function

The scanf() function

The getchar() function

The Putchar() function

1. Control Flow Structure

Sequential Control Structure

Selection Control Structure

Iterative Control Structure

1. Arrays
2. Pointers
3. Functions
4. Structures
5. File Handling and File I/O
6. Data Structures- Linked list
7. Stacks, Queues and Binary Trees