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**SmartBit**  
Computer's


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# Advance Logic Development with C Programming

## Introduction to 'C' Programming

History of Programming language

Concepts of Data Types

Concept of variable Static variables Global or external variables Constants

Operators in 'C'

Types of operators Relational operators Logical operators Conditional operators

Loops Structures

Data input output functions Control statements If statements Nested if-else statements While statements For statements Break statements Continue statements Goto statements

Arrays

Definition of an Array Multi-dimensional Array Arrays and Strings Multidimensional array on strings

Functions in 'C'

Concepts of a function Definition and declaration of a function Argument and return function Recursive function

Pointers

Introduction to Pointers Pointer declaration Passing pointers

as arguments Pointers to functions Pointers and multidimensional

arrays

Strings

String input-output, Standard Library Functions, Strings and pointers, Array of Strings

Structures and Unions

Introduction, definition and declaration Operators Nested Structures Pointer to a Structures

Link List

Concepts of Link List and DMA Dynamic Memory Allocation Features of Link List Operations of Link List

Circular Link List Doubly Link List

File Handling in 'C'

Concepts of File Handling Opening, reading and closing a file File opening modes I/O operations The Getc() and putc() function The fprintf() and fscanf() function

C Preprocessor

What is preprocessor and the use of it.

Bit Wise Operator

Introductions, Applications, BitFields.

Command Line Argument

Creating a dos based all programs.

Introduction To Graphics

Creating program for graphics in c.

GUI Concept

Assignments

For More Details Please Feel Free To Contact Rahul on 8888228222.