PPS Simplified

Introduction:

- 1. Introduction to Components of a Computer
- 2. Algorithms and Flowcharts
- 3. Introduction to C Language History and Basic Structure
- 4. C Tokens Keywords, Identifiers, Constants, Strings, Operators
- 5. <u>Variables and Data Types</u>
- 6. Process of Compiling and Running a C Program
- 7. Operators in C
- 8. Precedence of Operators, Expression Evaluation
- 9. Formatted Input / Output, Type Conversion

Control Structures:

- 1. Conditional Branching Statements
- 2. Loop Control Statements
- 3. Break, Continue, and Goto

Arrays And Functions:

- 1. Introduction to Arrays
- 2. Multidimensional Arrays
- 3. Operations on Arrays Traversal, Insertion, Deletion, etc.
- 4. Strings Arrays of Characters
- 5. String Handling Functions, Array of Strings

PPS Simplified 1

User Defined Functions and More:

- 1. Concept of User Defined Functions
- 2. Types of Functions
- 3. Inter Function Communication, Parameter Passing Mechanisms
- 4. Recursive Functions, Types of Recursion
- 5. Passing Arrays and Strings to Functions
- 6. Storage Classes

Pointers And Structures:

- 1. Pointer Basics, Arithmetic, Types of Pointers
- 2. Generic Pointers, Null Pointers, Dangling Pointers
- 3. Pointers and Arrays, Array of Pointers
- 4. Function Pointers, Pointers as Function Arguments
- 5. **Dynamic Memory Allocation**
- 6. Structures Definition, Initialization
- 7. Nested Structures, Arrays of Structures
- 8. Unions Definition, Initialization
- 9. Bit Fields, Typedef, Enumerations
- **10. Preprocessor Directives**

File Handling:

- 1. File Handling Concepts
- 2. Standard Input Output Operations
- 3. File Input Output Operations
- 4. Error Handling

PPS Simplified 2

- 5. Random File Positioning Functions
- 6. Problem Solving Using File Handling



Extracted by Abhiram Mangipudi



Ledited and Posted by Yuvaraj Vasam

Please note that the links are clickable and will direct you to the corresponding YouTube videos.

PPS Simplified 3