

C- COURSE CONTENT

Duration: 30 Hours

Our Strength
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<p>C Programming Syllabus</p>	<ul style="list-style-type: none">❖ What is C: Execution of C Program History Structure of C Program❖ Variables and Keywords: Character Set, Identifier, Variable, Keywords, Escape Sequence, Characters❖ Constants: Real Constant, Integer Constant, Character Constant, String Constant, String Constant.❖ Data Types: Data Types, Qualifier, Enum, Typedef❖ Operators: Assignment Operator, Arithmetic Operators, Logical Operators, Relational Operators, Shorthand Operators, Unary Operators, Conditional/Ternary Operator, Bitwise Operators, Operator Precedence and Associativity, If Statement, If-Else Statement, Nested If-Else, Switch Case❖ Looping Statements: Looping/Iterative Statements, While, Do while, For loop, Break statement, Continue statement, Goto❖ Functions: Function call by passing value, Function call by returning value, Function call by passing and returning value Recursion❖ Storage Classes: Storage Classes, Automatic Storage Class(auto), Register Storage Class(register), Static Storage Class,(static), External Storage Class, (extern)❖ Array: Array, Single/One Dimensional Array, Two Dimensional Array .❖ Structure: Structure, Array in structure, Structure with array, Difference between array and structure.❖ Pointer Union: Union, Difference between structure and union, String.❖ File Handling: Create file, read file, write file, append file, Truncate file.❖ Header Files: Header File, Assert.h, Ctype.h, Math.h, Process.h, String.h, Time.h
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