

C language:

In this C Language course, you will learn how to develop, compile, and execute C language programs as well as syntax, string, functions, arrays, pointer, and function pointer to create a C language program. And also we will teach you structures, unions, files and error handling with example. You will learn each topic with live practical.

Syllabus:

Module 1: Basic Concepts

1. What is C
2. Hello, World!
3. Data Types
4. Input & Output
5. Comments
6. Operators

Module 2: Conditionals and Loops

7. Conditionals
8. Nested if Statements
9. The switch Statement
10. Logical Operators
11. The while Loop
12. The for Loop

Module 3: Functions, Arrays & Pointers

13. Functions
14. Recursive Functions
15. Arrays
16. Two-Dimensional Arrays
17. Pointers
18. More on Pointers
19. Functions & Arrays

Module 4: Strings & Function Pointers

20. Strings
21. String Functions
22. Function Pointers
23. void Pointer

Module 5: Structures & Unions

24. Structures
25. Working with Structures
26. Unions
27. Working with Unions

Module 6: Memory Management

28. Working with Memory
29. The malloc Function
30. calloc and realloc
31. Dynamic Strings & Array

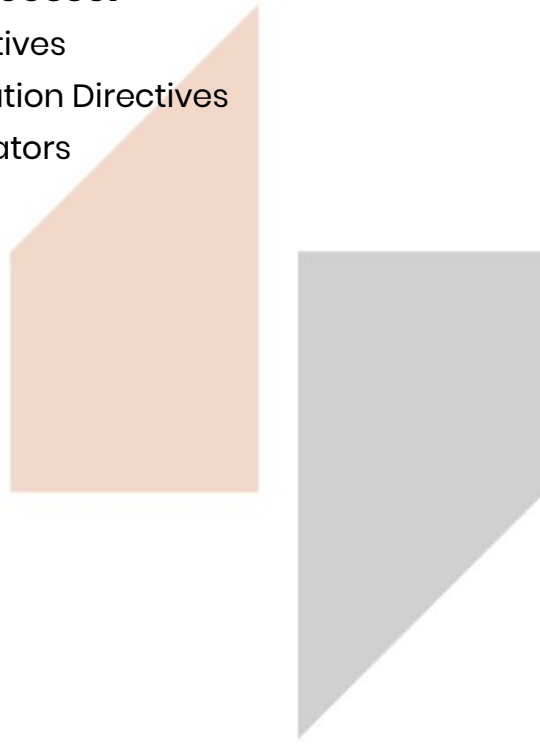
Module 7: Files & Error Handling

- 32. Working with Files
- 33. Binary File I/O

- 34. Error Handling
- 35. Using Error Codes

Module 8: The Pre-processor

- 36. Pre-processor Directives
- 37. Conditional Compilation Directives
- 38. Pre-processor Operators



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