C Programming Course: Basic Concepts

Course Duration: 30 Hours
Target Audience: Beginners, anyone new to programming or C language.
Objective: To provide a comprehensive understanding of the basic concepts of C programming language, enabling students to write, compile, and debug simple C programs.

Course Outcomes:

By the end of the course, students will be able to:

- Write and execute simple to intermediate C programs
- Understand and use variables, loops, functions, and arrays in C
- Handle basic data structures (arrays, structures) and files in C
- Debug common errors in C programming
- Work with dynamic memory and pointers

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