



PANYA TECHNOLOGIES

Technology to Live...

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C PROGRAMMING

Duration: 25 Hour

- ✚ Introduction
- ✚ Declaring Variables
- ✚ Preprocessor Statements
- ✚ Arithmetic Operators
- ✚ Programming Style
- ✚ Keyboard Input
- ✚ Relational Operators
- ✚ For and while loops
- ✚ If, if else, relational operators
- ✚ Switch/case
- ✚ String and character handling
- ✚ Data validation examples
- ✚ Conditional expression operator
- ✚ Arrays
- ✚ Functions
- ✚ Additional assignment operator
- ✚ Sample programs so far
- ✚ Handling user input and Validation
- ✚ Formatters for printf() and scanf(), bit operations
- ✚ Structures
- ✚ Data conversion with itoa() and atoi()
- ✚ Files
- ✚ Pointers
- ✚ Linked Lists
- ✚ Dynamic Memory Allocation
- ✚ Preprocessor Statements, Macros, Conditional Compilation, typedef
- ✚ Enumerated Data Types
- ✚ Unions
- ✚ Register based variables, null statements and strings
- ✚ Command Line Arguments
- ✚ Pointers to functions
- ✚ Formatters for characters and strings
- ✚ System Calls
- ✚ Suggested solutions to all problems
- ✚ Advanced C, hardware accessing, longjump/ctrl break