

C Programming Language

MODULE 1 : Introduction to C

- What is C language
- History of C
- Features Of C
- Introduction to IDE (Integrated Development Environment)
- Your first ever C program
- Compilation process in C
- What are variables in C
- What are DataTypes in C
- Identifiers in C
- Operators in C
- Comments in C
- Format Specifier in C
- Escape sequence in C

MODULE 2 : Control Statements in C

- If-else
- Switch-case
- break statement
- If-else vs switch
- Concept of loops
- for loop
- while loop
- Do-while loop

- continue

MODULE 3 : Concept of Array in C

- What is Array in C
- How to declare an Array in C
- Play around with Array
- 2D Array

MODULE 4 : Functions in C

- What are functions in C
- What are the types of functions in C
- Play Around with functions
- Call by Value
- Call by Reference

MODULE 5 : Pointers in C

- What are Pointers in C
- Pointer to Pointer
- Wild Pointer
- Dangling Pointer
- Null Pointer

MODULE 6 : Miscellaneous

- What is Structure in C
- typedef in C

- What is Union in C
- What is C Preprocessor
- What are Macros in C