C++ Language

A high-level programming language developed by **Bjarne Stroustrup** at **Bell Labs**. C++ adds object-oriented features to its predecessor, C. **C++** is one of the most popular programming languages for graphical applications, such as those that run in Windows and Macintosh environments.

- **C++** Overview
- Programming Structure
- Basic Syntax
- Program Compilation
- Program Execution process
- Data Types
- Constants, Variables
- Keywords & Identifiers
- Storages Classes
- Operators
- Decision making statements
- Looping Statements
- Functions in C++
- Local Variables & Global Variables
- Call by Value & Call by Reference
- Arrays in C++
- Pointers in C++
- Strings in C++
- Working with Date & Time
- Input & Output Statements in C++
- Pre processors & header Files In C++
- Object Oriented Concepts (OOP's) in C++
- Class & Objects
- Encapsulation , Abstraction , Inheritance & Polymorphism
- Interfaces in C++
- File handling in C++
- Error & Exception Handling in C++
- Multithreading in C++