SLOG SOLUTIONS PRIVATE LIMITED
TECHNOLOGY: C++
DURATION: MODULE 1 (4 WEEKS)

MODULE 1:

C++ Essentials

Introduction to OOPS Concepts

- history
- Object Oriented Programming Style
- Difference between C and CPP
- Features of oops
- Function and Variable
- Function declaration and definition
- Variable definition, declaration and scope

Classes & Objects

- Classes in c++
- How to define class in c++
- Encapsulation

Using Constructors and polymorphism

- Multiple constructor and initialization
- Using destructor to destroy instances
- Constructor overloading
- Method overloading
- Operator overloading
- Customizing templates and methods

Inheritance

- Overview of Inheritance
- Defining Base and Derived classes
- Types of Inheritance

Exception Handling and Templates

- Exceptions
- Exception Hierarchies
- Inside Exception handling
- Templates Overview
- Customizing templates and methods

File Handling
- Create file
- Read and write to file
- Close file
- Various mode to handle a file

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