

ActiveNET

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C++ Curriculum

Content:

Class and Object

- Structure
- Introduction to class and object
- Class declaration
- Defining member function
- Creation of object
- Accessing Class Members
- Using Class with an Example
- Class Vs Structure
- Accessing Class members
- Class Vs Structure

Constructors and Destructors

- Chars of Constructors
- Calling of Constructor
- Types of Constructor
- Overloading of Constructor
- Destructor

Operator Overloading

- Defining operator overloading
- Type conversion

Inheritance

Defining derived classes

Visibility modifier

Types of Inheritance

Virtual Base Class

Polymorphism

Types of Polymorphism

Pointer

Virtual Function

Pure Virtual Function and Abstract Base Class

Working with Files

Stream

Opening a File

Closing a File

Read and Write to and from file

Some important functions to manipulate Files

Reading and Writing class objects