

Course Description

C++ is a first year computer science course designed to teach the basic concepts of computer science and Object Oriented Programming. A basic explanation of how a computer is built and runs is given. Details of the syntax of the C++ programming language including most keywords and operators are taught. Loops, array, and functions are covered in depth. String manipulation functions are explained and re-implemented. The course also covers the fundamentals of structured programming, functional programming, and object oriented programming design. Reading and writing to files is taught. Sorting algorithms and recursion are strongly emphasized.

Course Components

Concept of OOPS
Object and Classes
Constructors and Destructors
Inheritance

Duration: 60 Days

Pointers in C++
Polymorphism
Basic Function of I/O System Basic
File Processing









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