C/C++

#CodingMtlbVMM

Foundation Building Course

VMM EDUCATION
Best Place to Learn Coding

Online & Offline Classes
9855447487, 9914487487

HISTORY & INTRODUCTION

History of Programming Language , Generation of computer Language , History of C/C++ , Running Your First Computer Program

OPERATORS & BASIC OPERATIONS

Tokens , Data Types, Variables, Working with operators, Controls statements including if-else, loops, comparison of loops, Nested Loops

DATA STORAGE

Using Array, Strings , 2D Arrays, 2D Character Arrays, String Library Functions

FUNCTIONS

Understanding their usage, Creating user-defined functions , extensive practice of functions, understanding storage classes

POINTERS

Understanding Memory allocation of variables, creating pointers, reading and writing pointers, , Pointer to Arrays, Pointer to String, Call by Ref, Call by Value

OBJECT ORIENTED 1

Understanding concept of classes , objects, data members, member functions, self creating user defined classes , Access specifier

OBJECT ORIENTED 2

Using inheritance, virtual Base class polymorphism: Virtual Functions, Function Overloading , Operator Overloading and using classes objects in modules

DATA STRUCTURES

Linear Search, Binary Search, Bubble Sort, Selection Sort, Stacks, Ques , Linked List

FILE HANDLING

Reading & Writing Files using characters , Reading & Writing Objects.

ADDITIONAL TOPICS

Command Lines Arguments, Installing Code blocks and using GCC Compiler

GUIDED PROJECT DEVELOPMENT

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