Mindluster Platform

About the course C Programming

Course Presenter : Kenny Yip Coding

C++ Programming, in this course we will learn about C++ programming, covering everything from the basics to more advanced concepts. Youâ€™ll start with understanding syntax, data types, variables, and operators, then move into control structures like loops and conditionals. As you progress, youâ€™ll explore functions, arrays, pointers, and object-oriented programming including classes, inheritance, and polymorphism. The course also introduces file handling, memory management, and best practices for writing efficient and clean code. With hands-on coding exercises and real-world examples, youâ€™ll build the skills needed for software development, game programming, or system-level applications. Whether you're a beginner or want to strengthen your programming logic, this course will guide you step by step. Join us and start your journey into C++ programming with confidence and clarity. Kenny Yip Coding

Programming Category's Courses

Course Lesson(56)

Lesson 1 : **How to set up C in Visual Studio Code**

Lesson 2 : **Beginner C Programming**

Lesson 3 : **Variables and Data Types in C**

Lesson 4 : **How to check variable type in C**

Lesson 5 : **C Type Conversion**

Lesson 6 : **C Multiple Variables in One Line**

Lesson 7 : **Arithmetic Operators in C**

Lesson 8 : **C Type Casting**

Lesson 9 : **Increment and Decrement in C**

Lesson 10 : **C Boolean and Logic Operators**

Lesson 11 : **C If and Else Conditions**

Lesson 12 : **C Ternary Operator**

Lesson 13 : **Get User Input in C**

Lesson 14 : **C Practice Problems**

Lesson 15 : **Arrays in C**

Lesson 16 : **C String and C Strings**

Lesson 17 : **C Vectors and Dynamic Arrays**

Lesson 18 : **Why does index start at 0 in computer science**

Lesson 19 : **For Loops in C**

Lesson 20 : **For Each Loop in C**

Lesson 21 : **While Loops in C**

Lesson 22 : **Do While Loops in C**

Lesson 23 : **C Break and Continue Statements**

Lesson 24 : **C Switch Statement**

Lesson 25 : **Rock Paper Scissors Game in C**

Lesson 26 : **Multidimensional Arrays in C 2D arrays**

Lesson 27 : **Tic Tac Toe Game in C**

Lesson 28 : **Pointers in C**

Lesson 29 : **C Const Pointers vs Pointer To Const**

Lesson 30 : **References in C**

Lesson 31 : **C Null Pointers**

Lesson 32 : **C Pointers and Arrays**

Lesson 33 : **Dynamic Memory Allocation in C**

Lesson 34 : **C Dynamic Arrays Dynamically Allocated Array**

Lesson 35 : **C Dynamic Arrays vs Dynamically Allocated Arrays**

Lesson 36 : **Pointers to Pointers C**

Lesson 37 : **C Functions**

Lesson 38 : **C Functions Pass by Value or Reference**

Lesson 39 : **C Const Reference**

Lesson 40 : **C Function Overloading**

Lesson 41 : **C Templates and Generics Functions**

Lesson 42 : **Functions in C Practice Problems**

Lesson 43 : **Recursion in C**

Lesson 44 : **How does recursion work**

Lesson 45 : **C Recursion with Vectors**

Lesson 46 : **Global Variables in C**

Lesson 47 : **Enums in C**

Lesson 48 : **Exception Handling C**

Lesson 49 : **C Iterators**

Lesson 50 : **C Set Unordered Set Multiset**

Lesson 51 : **C Useful Math Functions**

Lesson 52 : **C Pair**

Lesson 53 : **C Typedef and Type Aliases**

Lesson 54 : **Map in C**

Lesson 55 : **C Tuples**

Lesson 56 : **C String Functions**

Related courses

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