Mindluster Platform

About the course How to Setup C on Windows

Which programming language is easy to learn? C and C++ are both somewhat difficult to learn to program well. However, in many respects, they share many similarities with many other popular languages. In that sense they're just as easy (or as difficult) to learn, at first, as anything other programming language.

Programming Category's Courses

Course Lesson(99)

Lesson 1 : **Welcome to C**

Lesson 2 : **How to Setup C on Windows**

Lesson 3 : **How to Setup C on Mac**

Lesson 4 : **How to Setup C on Linux**

Lesson 5 : **How C Works**

Lesson 6 : **How the C Compiler Works**

Lesson 7 : **How the C Linker Works**

Lesson 8 : **Variables in C**

Lesson 9 : **Functions in C**

Lesson 10 : **C Header Files**

Lesson 11 : **How to DEBUG C in VISUAL STUDIO**

Lesson 12 : **CONDITIONS and BRANCHES in C if statements**

Lesson 13 : **BEST Visual Studio Setup for C Projects**

Lesson 14 : **Loops in C for loops while loops**

Lesson 15 : **Control Flow in C continue break return**

Lesson 16 : **POINTERS in C**

Lesson 17 : **REFERENCES in C**

Lesson 18 : **CLASSES in C**

Lesson 19 : **CLASSES vs STRUCTS in C**

Lesson 20 : **How to Write a C Class**

Lesson 21 : **Static in C**

Lesson 22 : **Static for Classes and Structs in C**

Lesson 23 : **ENUMS in C**

Lesson 24 : **Constructors in C**

Lesson 25 : **Destructors in C**

Lesson 26 : **Inheritance in C**

Lesson 27 : **Virtual Functions in C**

Lesson 28 : **Interfaces in C Pure Virtual Functions**

Lesson 29 : **Visibility in C**

Lesson 30 : **Arrays in C**

Lesson 31 : **How Strings Work in C and how to use them**

Lesson 32 : **String Literals in C**

Lesson 33 : **CONST in C**

Lesson 34 : **The Mutable Keyword in C**

Lesson 35 : **Member Initializer Lists in C Constructor Initializer List**

Lesson 36 : **Ternary Operators in C Conditional Assignment**

Lesson 37 : **How to CREATE INSTANTIATE OBJECTS in C**

Lesson 38 : **The NEW Keyword in C**

Lesson 39 : **Implicit Conversion and the Explicit Keyword in C**

Lesson 40 : **OPERATORS and OPERATOR OVERLOADING in C**

Lesson 41 : **The this keyword in C**

Lesson 42 : **Object Lifetime in C Stack Scope Lifetimes**

Lesson 43 : **SMART POINTERS in C std unique ptr std shared ptr std weak ptr**

Lesson 44 : **Copying and Copy Constructors in C**

Lesson 45 : **The Arrow Operator in C**

Lesson 46 : **Dynamic Arrays in C std vector**

Lesson 47 : **Optimizing the usage of std vector in C**

Lesson 48 : **Local Static in C**

Lesson 49 : **Using Libraries in C Static Linking**

Lesson 50 : **Using Dynamic Libraries in C**

Lesson 51 : **Making and Working with Libraries in C Multiple Projects in Visual Studio**

Lesson 52 : **How to Deal with Multiple Return Values in C**

Lesson 53 : **Templates in C**

Lesson 54 : **Stack vs Heap Memory in C**

Lesson 55 : **Macros in C**

Lesson 56 : **The auto keyword in C**

Lesson 57 : **Static Arrays in C std array**

Lesson 58 : **Function Pointers in C**

Lesson 59 : **Lambdas in C**

Lesson 60 : **Why I don t using namespace std**

Lesson 61 : **Namespaces in C**

Lesson 62 : **Threads in C**

Lesson 63 : **Timing in C**

Lesson 64 : **Multidimensional Arrays in C 2D arrays**

Lesson 65 : **Sorting in C**

Lesson 66 : **Type Punning in C**

Lesson 67 : **Unions in C**

Lesson 68 : **Virtual Destructors in C**

Lesson 69 : **Casting in C**

Lesson 70 : **Conditional and Action Breakpoints in C**

Lesson 71 : **Safety in modern C and how to teach it**

Lesson 72 : **Precompiled Headers in C**

Lesson 73 : **Dynamic Casting in C**

Lesson 74 : **BENCHMARKING in C how to measure performance**

Lesson 75 : **STRUCTURED BINDINGS in C**

Lesson 76 : **How to Deal with OPTIONAL Data in C**

Lesson 77 : **Multiple TYPES of Data in a SINGLE VARIABLE in C**

Lesson 78 : **How to store ANY data in C**

Lesson 79 : **How to make C run FASTER with std async**

Lesson 80 : **How to make your STRINGS FASTER in C**

Lesson 81 : **VISUAL BENCHMARKING in C how to measure performance visually**

Lesson 82 : **SINGLETONS in C**

Lesson 83 : **Small String Optimization in C**

Lesson 84 : **Track MEMORY ALLOCATIONS the Easy Way in C**

Lesson 85 : **lvalues and rvalues in C**

Lesson 86 : **Continuous Integration in C**

Lesson 87 : **Static Analysis in C**

Lesson 88 : **Argument Evaluation Order in C**

Lesson 89 : **Move Semantics in C**

Lesson 90 : **std move and the Move Assignment Operator in C**

Lesson 91 : **ARRAY Making DATA STRUCTURES in C**

Lesson 92 : **VECTOR DYNAMIC ARRAY Making DATA STRUCTURES in C**

Lesson 93 : **ITERATORS in C**

Lesson 94 : **Writing an ITERATOR in C**

Lesson 95 : **How to REALLY learn C**

Lesson 96 : **Intro to Binary and Bitwise Operators in C**

Lesson 97 : **Bitwise AND OR | XOR and NOT in C**

Lesson 98 : **I did a C University Assignment**

Lesson 99 : **BEST WAY to make Desktop Applications in C**

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