Mindluster Platform

About the course C professional

The programming language known as C++ (or â€œC-plus-plusâ€) is a general purpose coding language which has been used for game programming, software engineering, data structures, developing browsers, operating systems, applications, and more for over forty years.

Programming Category's Courses

Course Lesson(102)

Lesson 1 : **C Programming All in One Tutorial Series 10 HOURS**

Lesson 2 : **Introduction to C Programming**

Lesson 3 : **C Programming Tutorial 1 Intro to C**

Lesson 4 : **C Programming Tutorial 2 Installing g and Getting Started**

Lesson 5 : **C Programming Tutorial 3 C Concepts Explained**

Lesson 6 : **C Programming Tutorial 4 More C Concepts**

Lesson 7 : **C Programming Tutorial 5 Using Directive and Declaration**

Lesson 8 : **C Programming Tutorial 6 Variable Declaration and Initialization**

Lesson 9 : **C Programming Tutorial 7 Using Variables with cout**

Lesson 10 : **C Programming Tutorial 8 User Input with cin**

Lesson 11 : **C Programming Tutorial 9 Conventions and Style Guides**

Lesson 12 : **C Programming Tutorial 10 Intro to Functions**

Lesson 13 : **C Programming Tutorial 11 Intro to Creating Custom Functions**

Lesson 14 : **C Programming Tutorial 12 Using Functions pow function**

Lesson 15 : **C Programming Tutorial 13 Creating Custom Functions**

Lesson 16 : **C Programming Tutorial 14 Creating Void Functions**

Lesson 17 : **C Programming Tutorial 15 Intro to C Data Types**

Lesson 18 : **C Programming Tutorial 16 Integral Data Types and Signed vs Unsigned**

Lesson 19 : **C Programming Tutorial 17 Integral Data Types sizeof climit**

Lesson 20 : **C Programming Tutorial 18 char Data Type**

Lesson 21 : **C Programming Tutorial 19 Escape Sequences**

Lesson 22 : **C Programming Tutorial 20 bool Data Type**

Lesson 23 : **C Programming Tutorial 21 Floating Point Numbers**

Lesson 24 : **C Programming Tutorial 22 Constants const macro and enum**

Lesson 25 : **C Programming Tutorial 23 Numeric Functions**

Lesson 26 : **C Programming Tutorial 24 String Class and C Strings**

Lesson 27 : **C Programming Tutorial 25 getline for Strings**

Lesson 28 : **C Programming Tutorial 26 String Modifier Methods**

Lesson 29 : **C Programming Tutorial 27 String Operation Methods**

Lesson 30 : **C Programming Tutorial 28 Literals**

Lesson 31 : **C Programming Tutorial 29 Hex and Octal**

Lesson 32 : **C Programming Tutorial 30 Operator Precedence and Associativity**

Lesson 33 : **C Programming Tutorial 31 Reviewing Key Concepts**

Lesson 34 : **C Programming Tutorial 32 Control Flow**

Lesson 35 : **C Programming Tutorial 33 If Statement Practice**

Lesson 36 : **C Programming Tutorial 34 Logical and Comparison Operators**

Lesson 37 : **C Programming Tutorial 35 Switch Statement and Enum**

Lesson 38 : **C Programming Tutorial 36 Intro to Loops**

Lesson 39 : **C Programming Tutorial 37 For Loops How to Calculate Factorial**

Lesson 40 : **C Programming Tutorial 38 While Loop and Factorial Calculator**

Lesson 41 : **C Programming Tutorial 39 Do While Loop**

Lesson 42 : **C Programming Tutorial 40 Break and Continue**

Lesson 43 : **C Programming Tutorial 41 Conditional Operator Ternary Operator**

Lesson 44 : **C Programming Tutorial 42 Intro To Our App**

Lesson 45 : **C Programming Tutorial 43 Creating a Menu**

Lesson 46 : **C Programming Tutorial 44 Creating a Guessing Game**

Lesson 47 : **C Programming Tutorial 45 Intro to Arrays and Vectors**

Lesson 48 : **C Programming Tutorial 46 Working with Arrays**

Lesson 49 : **C Programming Tutorial 47 Passing Arrays to Functions and sizeof Operator**

Lesson 50 : **C Programming Tutorial 48 Fill Array from Input**

Lesson 51 : **C Programming Tutorial 49 Using an Array to Keep Track of Guesses**

Lesson 52 : **C Programming Tutorial 50 Intro to Vectors**

Lesson 53 : **C Programming Tutorial 51 Creating a Vector**

Lesson 54 : **C Programming Tutorial 52 Passing Vectors to Functions**

Lesson 55 : **C Programming Tutorial 53 Refactor Guessing Game to Use Vectors**

Lesson 56 : **C Programming Tutorial 54 STL Array**

Lesson 57 : **C Programming Tutorial 55 STL Arrays in Practice**

Lesson 58 : **C Programming Tutorial 56 Refactor Guessing Game to Use Templatized Array**

Lesson 59 : **C Programming Tutorial 57 Array Vs Vector Vs STL Array**

Lesson 60 : **C Programming Tutorial 58 Range Based For Loop**

Lesson 61 : **C Programming Tutorial 59 Intro to IO Streams**

Lesson 62 : **C Programming Tutorial 60 Writing to Files with ofstream**

Lesson 63 : **C Programming Tutorial 61 Reading from Files with ifstream**

Lesson 64 : **C Programming Tutorial 62 Saving High Scores to File**

Lesson 65 : **C Programming Tutorial 63 Functions and Constructors**

Lesson 66 : **C Programming Tutorial 64 Refactoring IO to Function Call and Testing**

Lesson 67 : **C Programming Tutorial 65 Multidimensional Arrays and Nested Vectors**

Lesson 68 : **C Programming Tutorial 66 Const Modifier**

Lesson 69 : **C Programming Tutorial 67 Pass By Reference and Pass By Value**

Lesson 70 : **C Programming Tutorial 68 Swap Function with Pass by Reference**

Lesson 71 : **C Programming Tutorial 69 Intro to Function Overloading**

Lesson 72 : **C Programming Tutorial 70 Function Overloading Examples**

Lesson 73 : **C Programming Tutorial 71 Default Arguments**

Lesson 74 : **C Programming Tutorial 72 Intro To Multifile Compilation**

Lesson 75 : **C Programming Tutorial 73 Multifile Compilation**

Lesson 76 : **C Programming Tutorial 74 Makefiles**

Lesson 77 : **C Programming Tutorial 75 Creating a Simple Makefile**

Lesson 78 : **C Programming Tutorial 76 Intro To Namespaces**

Lesson 79 : **C Programming Tutorial 77 Creating a Namespace**

Lesson 80 : **C Programming Tutorial 78 Intro To Function Templates**

Lesson 81 : **C Programming Tutorial 79 Creating a Function Template**

Lesson 82 : **C Programming Tutorial 80 Overloading Function Templates**

Lesson 83 : **C Programming Tutorial 81 Intro To Object Oriented Programming**

Lesson 84 : **C Programming Tutorial 82 Intro To Structs**

Lesson 85 : **C Programming Tutorial 83 Creating a Struct**

Lesson 86 : **C Programming Tutorial 84 Classes And Objects**

Lesson 87 : **C Programming Tutorial 85 Creating a Class**

Lesson 88 : **C Programming Tutorial 86 Working with Objects**

Lesson 89 : **C Programming Tutorial 87 Intro To Constructors**

Lesson 90 : **C Programming Tutorial 88 Constructors and Destructors**

Lesson 91 : **C Programming Tutorial 89 Encapsulation**

Lesson 92 : **C Programming Tutorial 90 Getters and Setters**

Lesson 93 : **C Programming Tutorial 91 Static Data Members**

Lesson 94 : **C Programming Tutorial 92 Intro To Operator Overloading**

Lesson 95 : **C Programming Tutorial 93 Operator Overloading and**

Lesson 96 : **C Programming Tutorial 94 Overloading Insertion and Extraction Operators**

Lesson 97 : **C Programming Tutorial 95 Friend Functions and Operator Overloading**

Lesson 98 : **C Programming Tutorial 96 Class Across Files Multifile Compilation**

Lesson 99 : **C Programming Tutorial 97 Inheritance And Polymorphism**

Lesson 100 : **C Programming Tutorial 98 Base Classes and Subclasses Inheritance**

Lesson 101 : **C Programming Tutorial 99 Polymorphism**

Lesson 102 : **C Programming Tutorial 100 Conclusion**

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