



C Programming

Description:

This course is designed mostly for novice programmers who may not have any prior programming language knowledge. From the most fundamental to the most sophisticated subjects, there is something for everyone. Step by step, from a simple to a sophisticated programme. This course should be taken if one want to pursue a career as a programmer. C programming is widely regarded as the cornerstone for all computer languages. If one is comfortable with C, they may go on to other languages such as PHP, C++, or Java.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Course material

- # Course resources
- # On demand recorded videos
- # Practical exercises
- # Quizzes
- # Assignments
- # Course completion certificate

What we learn:

- # C programming basics
- # C data types
- # C data structures
- # Input/Output in C
- # Control Flow
- # Loops
- # Functions
- # Structs
- # Memory management
- # Macros

Requirements:

- # System with Internet Connection
- # Interest to learn
- # Dedication

Instructor:

Name:

Hitesh Choudhary

Description:

I like to make videos related to code and tech in my free time. I also lead a few tech teams in startups, help in hiring talent for companies. I am also on a part time traveller, with 31 countries checked off so far!

>Before we Begin:

- >>Introduction to the course.mp4
- >>C environment on Xcode for MAC users.mp4
- >>Setting C environment on WINDOWS.mp4
- >>Running C file in WINDOWS.mp4
- >>Running C file from terminal in MAC.mp4
- >>What just happened in the source code.mp4

>Exercise we begin:

- >>How to use exercise file on a MAC.mp4
- >>How to use exercise file on a WINDOWS.mp4

>Basics Theory while writing code:

- >>Programming 101.mp4
- >>Solving Problems for MAC.mp4
- >>Solving Problems for WINDOWS.mp4
- >>Explaining Data Types in C.mp4

>>Variables and common associated problems.mp4

>>Constants and their importance.mp4

>>Format Specifiers.mp4

>>Character Constants.mp4

>Operations & Decision:

>>Performing Arithmetic operations in C.mp4

>>Relations and Logics.mp4

>>Introduction to decisions aka if else.mp4

>>Switch and various cases.mp4

>>Read number and print a sum.mp4

>>Biggest of three.mp4

>>ODD or EVEN.mp4

>Loops and Functions:

>>Looping basics with While loop.mp4

>>Do While loop in C.mp4

>>For Loop in C.mp4

>>Break keyword usage.mp4

>>Continue keyword in C.mp4

>>Type Casting in C.mp4

>>Custom Functions in C.mp4

>>Value call vs reference call.mp4

>>Scope of a variable.mp4

>Coding is Fun:

>>Sum of three digits.mp4

>>Armstrong Number.mp4

>>Odds in Hundred.mp4

>>Fibonacci Series.mp4

>>The number Pyramid.mp4

>>The character pyramid.mp4

>>Reverse Number pyramid.mp4

>Advance C Programming:

>>Introduction to Array datatype.mp4

>>Advance part in Array.mp4

>>Details about Strings.mp4

>>Pointers as simple as possible.mp4

>>Structures.mp4

>>Saving memory in Bit Fields.mp4

>>Custom Defined DataTypes.mp4

>>Macros in C.mp4

>>Error Handling.mp4

>>File Handling in C.mp4

>>Command Line Arguments.mp4

>>Recursion.mp4

>Fun to code applications:

>>Upper to lower case converter.mp4

>>Case Converter.mp4

>>Highest in Array.mp4

>>Linear Search in Array.mp4