# Course: C-Language Online Training

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#### Modules:

# 1. Introduction

- Introduction to C programming
- What you needed for C.
- Getting started with C
- o The structure of the c program
- Compiling and running c program
- C comments

## 2. Basics of C programing

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- o identifier names
- variables
- o constants
- Introduction to IO in C
- Formatted console IO
- Format modifiers
- Scanf function

#### 3. Operators

- Assignment Operator
- Arithmatic operators
- Arithmatic Expressions
- Relational & logical Operators
- o Condition(terinary) operator
- Size of operator

#### 4. ControlFlow

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#### 5. Looping statements

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- o do-while
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#### 6. Arrays

- What is an array
- Defining an array
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- Double, Multi dimentional arrays
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#### 7. Strings

Working with string

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- Initializing string variables
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## 8. Functions

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- Userdefind functions
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- Defining function
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- function prototypes
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- o recursion function
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#### 9. Define and Macros

- What is macro
- Defing a macro
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# 10. Pointers

- What is a pointer
- Declaring pointer variable
- Assigning value to a pointer
- o Pointer arithmetic
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## 11. Structures

- What is structure
- Using structures
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- Using unions
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## 12. Files Handling

- What is file
- File opening modes
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- Using feof()
- Fread() & fwrite() functions
- Fprintf() & fscanf()
- Reading from a file
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#### **Course Details:**

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• Course Duration : 1 Month. Training : Online

: Normal, Fast Track and Weekends Classes

I raining
Method:
Course material
In PDF Format

 Prerequisites : HTML, knowledge of JavaScript

# **Contact Details:**

etrainings.in@gmail.com Email:

Phone: 9912238308

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