

**C**

# 60 Days Training Program



**The Language of Possibilities: Unleash the  
Power of C**

IIHT Jaipur believe that upskilling is mightier than massive layoffs. And not just us, but countless companies attest to it and have adopted this approach in their businesses as well. The domain expertise these upskilled individuals bring in is what sets them apart. We focus on nurturing these aspects. So, whether you are a student in college or a fresh graduate entering corporate, we have something for you to offer. We are an online and offline training institution that provides students and professionals with courses in high demand. We provide training in a vast array of technologies, including Cloud Computing, DevOps, Cyber Security, Full stack development, Data Science, Digital Marketing, and Web Development, among others.

The foundational programming language is C. C is a general purpose, low-level programming language that is mostly utilised for desktop applications. One of the most popular programming languages ever is C. Learning C gives a learner a solid understanding of programming because C has affected many other programming languages that are widely used today, such C++.

### **Build A Tech-Forward Team With Training That Sticks**

We help business who have helped hundreds of companies level up and level their technical skills.

### **Develop The Abilities You Require**

Our course catalogue, which was developed by industry professionals, includes all of the most in-demand technical abilities and languages (including Python, React, and SQL).

### **Elevate to Scale**

With IIHT Jaipur for enterprise, creating scalable training programmes for your whole company is simple for bigger teams.



## Array in C

- Array: What and Why?
- One Dimensions Arrays
- Two Dimensions Arrays
- Multi Dimensions Arrays
- Dynamic Arrays

## String Handling:

- Reading String from Terminal
- Writing String to Screen
- String Handling Functions
- Table of String
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## Function in C

- Function Basics
- Advantage of Function
- Recursion
- Variable Storage Classes
- Variable arguments Function

## Pointers in C

- Understanding Pointers
- Pointer expressions
- Pointer and Arrays
- Pointers and Character String
- Pointers to Functions
- Pointers and Structures

## Structures and Unions

- Defining a Structure
- Advantage of Structure
- Size of Structure
- Arrays of Structures
- Structures and Functions
- Defining Unions

## Dynamic Memory allocation

- Introduction to Dynamic Memory Allocation
- Malloc
- Calloc
- Realloc
- Free

## LinkedList

- Concepts of Linked Lists
- Creating a Linked Lists
- Inserting/Deleting an item

- JApplication of Linked Lists

## File Management in C

- Introduction to File Management
- Opening/Closing a File
- Input/Output operations on Files
- Error Handling During I/O Operations
- Command Line Arguments

## Preprocessor

- Macro Substitution
- File Inclusion
- Computer Control Directives



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