

**SOFTCRAYONS**  
Tech Solution Pvt. Ltd



### **Practical Training Program Branch - Ghaziabad, Noida**

- » Graphic Designing
- » Digital Marketing
- » Programming
  - Python - Java - PHP ++
  - C++ - C - Ruby On Rails
  - Perl
- » Web Designing
- » Android Application
- » Sap - ERP - ABAP
  - Erp Basis / Erp-Bi
  - Erp-Bo / CRM/ HR/HCM / MM
  - PP / Controlling / Hana / SCM
  - Finance
- » Networking - CCNA
  - CCNP- MCITP - MCSE
  - Hardware
- » Software testing
  - Manual testing
  - Automation - testing
  - QTP - Selenium
- » CAD- CAM-CAE
  - Autocad for Civil
  - Autocad for Electrical
  - Autocad for Mechanical
  - Catia V5 / Staap PRO/
  - Revit / Revit Structure
  - Revet Architecture / Soliworks
  - PRO E / CREOC(Fr - Designers)
  - 3D Max / Inventor / Ansys / Vray
- » MS Office
- » Tally With GST
- » 1 Angular Js / 2 Angular
  - 3 Angular / 4 Angular
- » Vmware

## **C LANGUAGE**

### **Module 1. Introduction to C**

- History of C
- Feature of C
- Importance of C
- About Procedural Language

### **Module 2. Introduction to**

- Role of Compiler
- Role of Interpreter
- Compiling & Linking

### **Module 3.An Overview of C and Buzzwords**

- Data Type Variable
- Operators
- Control Statement
- Preprocessor Directives

### **Module 4.Input and Output Operators**

- Reading/Writing Characters
- Formatted input/output Function

### **Module 5.Decision Making and Looping**

- The IF.....ELSE Statement
- Nesting of IF.....ELSE Statement
- The Switch Statement
- The While Statement
- The DO and FOR Statement

### **Module 6. Arrays and String**

- One/Two/Multi Dimensional Arrays
- Dynamic Arrays
- Reading String from Terminal
- Writing String to Screen
- String Handling Function
- Table of String

### **Module 7.Function**

- Defining Function
- Benefit of Function
- Nesting of Function
- Recursion
- Variable Storage Classes
- Variable arguments Function

### **Module 8.Pointers**

- Understanding Pointers
- Pointer Expressions
- Pointer and Arrays
- Pointer and Character String
- Pointer to Function
- Pointers and Structures

## **Module 9.Structures and Unions**

- Defining a Structure
- Benefit of Structure
- Size of Structure
- Arrays of Structure
- Structures of Function
- Defining Unions

## **Module 10.Dynamic Memory Allocation**

- Introduction to Dynamic Memory Allocation
- Malloc, Calloc, Realloc, Free
- Concepts of Linked Lists
- Creating a Linked Lists
- Inserting/Deleting an item
- Application of Linked Lists

## **Module 11.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

## **Module 12.The Preprocessor**

- Macro Substitution
- File Inclusion
- Compiler Control Directives

## **Module 13.Data Structure with C**

- Introduction of Link List & Array
- Stack with Array & Link List
- Queue with Array & Link List
- Sorting Like Bubble, Insertion, Quicksort, Mergesort, etc....
- Searching

## Deployment

1. Deploying using Github
2. Angular2 Hosting Options
3. Hosting Angular App on cloud server Heroku

## Batch Timings –

Days	Class Duration	Course Duration
Monday-Friday	2 Hours	1 Month
Saturday & Sunday	3 Hours	1.5 Months
Sunday	4 Hours	2 Months

Regards,  
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