

About Codefrux

While the current trends around the world are based on the internet, mobile and its applications, we try to make the most out of it. As for us, we are a well established IT professionals based in Bangalore, constantly coping up with the extensive advancement and adapting to new Technology.

C is a powerful general-purpose programming language. It is fast, portable and available in all platforms. If you are new to programming, C is a good choice to start your programming journey. This is a comprehensive guide on how to get started in C programming language, why you should learn it and how you can learn it.

What you will Learn In This Course

- Create any website layout you can imagine
- build websites using HTML CSS
- create web design workflow for creating a website
- Code at an expert level of proficiency with HTML & CSS
- Comfortably use the tools in Adobe Photoshop
- Know how to add jQuery for advanced functionality
- Build a fully functional website with PHP & MySQL
- Learn all about WordPress Plugin Development
- create multiple page websites from scratch
- And many More...

Who should take the course

- Developers and Programmers looking to dramatically improve their design skills
- Graphic & Web Designers desiring to dramatically improve their web development & programming skills
- Total beginners who want to learn how to plan, design and program amazing websites & applications
- Those who desire to make a comfortable living online as a web designer or developer
- Professionals who desperately want to leave the 9-to-5 for a fruitful new web career
- Freelancers who want to deliver higher value to their web design clients
- Designers & developers who want to know how to start a successful freelance career
- Anyone who wants to learn from the most entertaining & engaging coding instructor

1. Introduction to Web Technologies

1. Introduction to Web Technologies
2. How does the Website work?
3. Types of Websites (Static, Dynamic and CMS Websites)
4. Responsive Web Designing
5. Client and Server Scripting Languages
6. Domains and Hosting
7. Web Standards and W3C recommendations
8. Careers in Web Technologies and Job Roles
9. Quiz
10. Summary
11. Hands on

2. HTML

3.1 HTML 4.01

1. Introduction to HTML
2. Basic Structure of HTML
3. Difference Between HTML and XHTML
4. Head Section and its Elements
5. Meta, CSS, Script, Title and Favicon
6. HTML 4 tags
7. Table tag and div tag
8. Headings, Paragraph, Lists, Pre and Span Tags
9. Anchor Links and Named Anchors
10. Image Tag, Object Tag, Iframe Tag
11. Form Tag and its attributes
12. POST and GET Method
13. Fieldset and Legend
14. Text input, Text area
15. Checkbox and Radio Button
16. Dropdown, List and Optgroup
17. File Upload and Hidden Fields
18. Submit, Image, Normal, Reset Button
19. Quiz
20. Summary
21. Hands on

3.2 HTML 5.0

1. HTML 5 tags
2. Header, Nav, Main, Section, Article tags
3. Aside, Figure, Dialog, Details, Summary and Footer tags
4. Mark, Figcaption, Code and Cite tags
5. Audio and Video tags
6. Input tag new attributes and values

7. Buttons, Datalist, Required, Placeholder and Autofocus
8. Using HTML tags in realtime websites
9. HTML Validators
10. Quiz
11. Summary
12. Hands on

3. CSS2

1. Introduction to Cascading Style Sheets
2. Defining CSS

3.1 CSS Selectors

1. Universal Selector
2. ID Selector
3. Tag Selector
4. Class Selector
5. Sub Selector
6. Child Selector
7. Adjacent Sibling Selector
8. Attribute Selector
9. Group selector
10. Quiz
11. Summary
12. Hands on

3.2 CSS 2 Properties

1. Type Properties
2. Background Properties
3. Block Properties
4. Box Properties
5. List Properties
6. Border Properties
7. Positioning Properties
8. Quiz
9. Summary
10. Hands on

3.3 Realtime Implementation

1. CSS Menu Design (Horizontal, Vertical and Drop-down menus)
2. Form Designing
3. Quiz
4. Summary
5. Hands on

4. CSS3

4.1 CSS 3 Advanced Selectors

1. nth-child() and nth-of-type
2. first-of-type and last-of-type
3. first-child and last-child
4. first-line and first-letter
5. before and after
6. Quiz
7. Summary
8. Hands on

4.2 CSS 3 Properties

1. Rounded corners
2. Advanced Background Properties
3. Shadow property
4. New Font properties
5. Opacity
6. Gradients
7. Transition and Transform properties
8. Animation properties
9. Quiz
10. Summary
11. Hands on

5. Adobe Photoshop

1. Introduction to Adobe Photoshop
2. Interface Tour of Photoshop
3. Document settings – Dimensions, Color Modes, Resolution and Presets
4. Move Tool
5. Marque Tool
6. Lasso Tool
7. Quick Selection, Magic Wand
8. Crop, Slicing Tool
9. Healing Brush, Patch Tool
10. Brush Tool
11. History Brush
12. Eraser Tool
13. Pattern Stamp, Clone Stamp
14. Gradient Tool
15. Blur and Exposure Tool
16. Pen Tool, Shape Tool
17. Text Tool
18. Other Photoshop Tools
19. Layers, Groups and Smart Object
20. Blending Options

21. Filter Effects
22. Client requirement Analysis
23. Realtime Website Layout Design
24. Responsive Design with Grids
25. Practical Task in Layout Design
26. Quiz
27. Summary
28. Hands on

6. Adobe Dreamweaver

1. Introduction to Adobe Dreamweaver
2. Dreamweaver Interface Basics
3. Creating new documents
4. Working with modes
5. Defining a Site
6. Creating root-site folder and its elements
7. Working with previews
8. Designing interface using Insert tools
9. Properties Panel
10. Template Design in DW
11. Editable and Non-Editable Regions
12. Defining the DWT for project.
13. Working with errors, validating code
14. Quiz
15. Summary
16. Hands on

7. Java Script

1. Introduction to Client Side Scripting
2. Introduction to Java Script
3. Javascript Types
4. Variables in JS
5. Datatypes in JS
6. Operators in JS
7. Conditional Statements
8. Java Script Loops
9. JS Popup Boxes
10. JS Events
11. JS Arrays
12. JS Objects
13. JS Functions
14. Using Java Script in Realtime
15. Validation of Forms
16. Quiz
17. Summary
18. Hands on

8. jQuery and jQuery UI

1. Introduction to jQuery
2. jQuery Features
3. Installing jQuery
4. jQuery Syntax
5. jQuery Ready Function
6. jQuery Selectors
7. jQuery Actions
8. jQuery plugins
9. jQuery Validation plugin
10. jQuery Slideshow
11. jQuery Dropdown
12. jQuery UI
13. Working with jQueryUI
14. jQuery Accordions
15. jQuery Tabs
16. jQuery Tooltips
17. jQuery Autocomplete
18. Quiz
19. Summary
20. Hands on

9. Responsive Web Design And Bootstrap

1. Bootstrap Course Introduction
2. Get Bootstrap to your page
3. Source Code Starter Template
4. source code explained
5. setup bootstrap write some code
6. Grid system explained
7. Top Bootstrap resources Online
8. Bootstrap Resources
9. Bootstrap buttons colors
10. Button types
11. Quiz
12. Summary
13. Hands on

10. Create a website using Bootstrap

1. Bootstrap webpage structure
2. Navigation bar building in bootstrap
3. Source Code Nav
4. Bootstrap navbars sticky footer header navbar
5. Make a responsive navbar in Bootstrap
6. Navbar source code
7. Add a bootstrap carousel

8. Source Code Carousel
9. Add content and lists to website
10. Push Pull Grid Columns in Bootstrap
11. Website Source Code
12. Quiz
13. Summary
14. Hands on

11. Domain and Hosting

1. Web Hosting Basics
2. Types of Hosting Packages
3. Registering domains
4. Defining Name Servers
5. Using Control Panel
6. Creating Emails in Cpanel
7. Using FTP Client
8. Maintaining a Website
9. Quiz
10. Summary
11. Hands on

12. Wordpress

1. Introduction to CMS
2. Introduction to WordPress
3. Installation of wordpress application
4. Installing a theme
5. Using Dashboard and its components
6. Creating Pages
7. Setting Menu
8. Installing plugins
9. Editing content
10. Customizing Techniques
11. Quiz
12. Summary
13. Hands on

13. Angular Javascript

1. Introduction to AngularJS
2. Installation of angularJS application
3. Components in angularJS
4. Directives
5. Modules
6. Expressions
7. Controllers
8. Built-in-directives
9. Filters and Tabs

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10. Examples for applications
 11. Quiz
 12. Summary
 13. Hands on

Project Work

After course completion, students will be assigned to work on live project to polish the technology skills you have acquired with us.