



Web Designing HTML5 and CSS

Introduction

- A brief introduction to the tutorial and what you can expect to learn.

Lesson 1: Let's get started

- Find out what tools you need to make your own website.

Lesson 2: What is HTML?

- Understand what HTML is and what it means.

Lesson 3: Elements and tags?

- Elements and tags what they are and how to use them.

Lesson 4: Create your first website

- Learn to create your first HTML document - the basic template for future pages.

Lesson 5: What have you learned so far?

- Recap what you have learned so far and discover what you can expect in the next lessons.

Lesson 6: A few more elements

- Familiarize yourself with seven of the most-used elements.

Lesson 7: Attributes

- Learn to add extra information to your tags and formulate commands in a more explicit manner.

Lesson 8: Links

- Discover how to create links to your own and other pages on the Internet.

Lesson 9: Images

- Find out how simple and easy it is to insert images in your pages.

Lesson 10: Tables

- Construct HTML tables for the presentation of structured content.

Lesson 11: More about tables

- Create even more advanced tables.

Lesson 12: Layout (CSS)

- Understand how Cascading Style Sheets (CSS) can be used to add fantastic layout to your pages
- In this lesson, you will understand more about HTML5 basics.

Lesson 16: New Tags and Attributes

- In this lesson, you will understand more about HTML5 tags and attributes.

Lesson 17: Invisible Things: Scripts, Metadata, Viewports, and Comments

- In this lesson, you will understand more about how to control invisible things...that are really important.

Lesson 18: Forms

- In this lesson, you will learn how to make a form.

Lesson 19: APIs

- addition to specifying markup, HTML5 also lets you use APIs. In

Lesson 20: More Images

- In this lesson, you'll learn about advanced images.

Lesson 21: Video and Audio

- HTML5 embraces media elements in a big way, so this lesson will walk you how to use video (with audio) and audio.

Lesson 22: Advanced APIs

- This lesson will give you an introduction to advanced APIs (and JavaScript).

Lesson 23: Geolocation: You Are Here

- This lesson will give you an introduction to geolocation.

Lesson 24: Web Storage

- This lesson will give you an introduction to another API: web storage.

Lesson 25: Drag and Drop

- This lesson will give you an introduction to drag and drop.

Lesson 26: Final Tips

- A few pieces of good advice for your website projects.

JAVA SCRIPT

- What is JavaScript
- What can't you do with JavaScript?
- Java "vs" JavaScript
- The hierarchy of JavaScript Objects
- window Object
- document Object
- Outputting Text with JavaScript
- Using Arrays to Refer to Forms
- Setting the bgColor & fgColor Properties
- location Object
- history Object
- history & location Objects Examples
- navigator Properties
- DataTypes
- ParseInt() & parseFloat()
- Variables
- Variable concatenation Examples
- Expressions & Operators
- Clock Example using the Conditional Operator
- JavaScript Objects
- String Object
- JavaScript String Manipulation Examples
- HTML String Methods
- JavaScript Built-in Functions
- Three Types of Dialog Boxes in JavaScript
- Event Handlers

Incorporating JavaScript into your HTML pages

- Method 1: The <SCRIPT> tag
- Method 2: Placing JavaScript within HTML tags
- Modularizing Event Handlers
- Attributes for the <SCRIPT> tag
- Hiding scripts from other browsers
- JavaScripting Commenting

JavaScript and the HTML layout

The concept of Program Control

Introduction to if -- else Branching

- Do You Love Me? (if -- else Example 1)
- Weekend Checker (if -- else Example 2)
- What time of day is it (if -- else Example 3)

While loops

- more about while loops

For loops

- Calculating the Sum of the Digits
- Nested for loops
- Multiplication Table (more Nested for loops)

Functions

- with no parameters
- with parameters -- passing arguments
- this keyword
- returning values
- "multiple" returns
- Variable Scope
- Local --vs-- Global Variables
- Functions & their locations within a document
- Functions at work
- Recursive Functions

JQuery

Module 01 - jQuery introduction

- Recap: JavaScript
- jQuery Introduction
- The jQuery ready Function
- jQuery Documentation

Module 02 - jQuery Selectors

- What are jQuery Selectors?
- Selectors Overview

Module 03 - jQuery and DOM

- DOM Traversal
- DOM Manipulation

Module 04 - jQuery and Events

- jQuery Event Model
- Handling Events with jQuery

Module 05 - jQuery and Ajax

- Ajax introduction
- jQuery Ajax Functions

Module 06 - jQuery UI

- jQuery UI overview
- Animation and special effects
- Themable widgets

BOOTSTRAP

Bootstrap Introduction

- Bootstrap Home
- Bootstrap Overview
- Bootstrap Environment Setup

Bootstrap with CSS

- Bootstrap Grid System
- Bootstrap CSS Overview
- Bootstrap Typography
- Bootstrap Code
- Bootstrap Tables
- Bootstrap Forms
- Bootstrap Buttons
- Bootstrap Images
- Bootstrap Helper Classes
- Bootstrap Responsive utilities

Layout Components

- Bootstrap Glyphicons
- Bootstrap Dropdowns
- Bootstrap Button Groups
- Bootstrap Button Dropdowns
- Bootstrap Input Groups
- Bootstrap Navigation Elements
- Bootstrap Navbar
- Bootstrap Breadcrumb
- Bootstrap Pagination
- Bootstrap Labels
- Bootstrap Badges
- Bootstrap Jumbotron
- Bootstrap Page Header
- Bootstrap Thumbnails
- Bootstrap Alerts
- Bootstrap Progress Bars
- Bootstrap Media Object
- Bootstrap List Group
- Bootstrap Panels
- Bootstrap Wells

Bootstrap Plugins

- Bootstrap Plugins Overview
- Bootstrap Transition Plugin
- Bootstrap Modal Plugin
- Bootstrap Dropdown Plugin
- Bootstrap Scrollspy Plugin
- Bootstrap Tab Plugin
- Bootstrap Tooltip Plugin
- Bootstrap Popover Plugin
- Bootstrap Alert Plugin
- Bootstrap Button Plugin
- Bootstrap Collapse Plugin
- Bootstrap Carousel Plugin
- Bootstrap Affix Plugin

Bootstrap Useful Resources

Bootstrap Glyphicons / Font-Awesome