
HTML 1: HTML BASICS

HTML1 is about getting started with HTML, understanding the basics and being able to create and publish a simple website. The focus should be on the latest technology so HTML5 and CSS3.

HTML1 should be delivered as a series of guided exercises that address the key learning objectives and a final project that pulls the whole lot together by encouraging the students to create a simple website using what they have learned.

LEARNING OBJECTIVES

PREPARATION AND BASIC SETUP

- Understand a website
 - File naming conventions
 - File types (HTML, CSS, JS, images, video, audio)
 - Directory structure
- Set-up & Tools
 - Install a HTML Editor
 - Install Gimp
 - Setup a directory structure

INTRODUCING HTML

- HTML Basics
 - Tags and elements
 - Document structure
 - The web browser
 - Document Title and Head section
- Manipulating Text
 - Using Headings
 - Using Paragraphs
 - Text Formatting
- Using Images
 - Image Tags
 - Using Gimp to resize an image
- Hypertext Links
 - Linking documents
 - A simple HTML menu

INTRODUCING CSS AND BASIC DOCUMENT LAYOUTS

- HTML5 Semantic Structure elements
 - Article, Section, Aside
 - Nav, Header, Footer
- CSS Styling
 - What is CSS
 - Inline styles, style attribute in tags
 - Internal styling, <style> element in the <head> section
 - External style sheet
- Styling a Page
- Styling a paragraph
- A simple CSS menu
- A simple two column layout implementing semantic structure elements
- Using templates

LEARNING EXERCISES

1. Basic HTML Page
2. Text Formatting
3. Using Images
4. Linking documents
5. CSS styling for paragraph and page
6. CSS Menu
7. CSS Layout

HTML1 PROJECT

The project should be developed over the 4 weeks building on the exercises. The expected output would be at least a 3 page web site utilising the lessons learned over the 4 weeks so the web site would include...

- At least 3 web pages
(index.html; + 2 more)
- All pages linked to each other
- A similar look and feel across all 3 pages
- Use of a standard CSS Menu

The pages would include some or all of (these items to appear on at least one page)...

- Page layout
- Text Formatting
- Images
- CSS Styling
- Use of Semantic Structure elements