

Course:

## Creating Web Pages with HTML5 and CSS3

Module 2. Formatting with CSS. Lists. CSS Paddings and Margins

### Task 1

**Implement an HTML page with a list of seasons.**

The required icons are attached to the PDF file of this Practice.\*

**Example of the final result:**

#### Seasons

- Winter
  - ❄ December
  - ❄ January
  - ❄ February
- Spring
  - 🌸 March
  - 🌸 April
  - 🌸 May
- Summer
  - 🍉 June
  - 🍉 July
  - 🍉 August
- Autumn
  - 🍂 September
  - 🍂 October
  - 🍂 November

## Task 2

**Implement an HTML page with the content of an article.**

**Note** different styles (color and bold) in numbering and text.

The text is attached to the PDF file of this Practice.\*

## Example of the final result:

### Contents

- I. History
  - 1. Development
  - 2. HTML versions timeline
    - a. HTML draft version timeline
    - b. XHTML versions
- II. Markup
  - 1. Elements
    - a. Element examples
    - b. Attributes
  - 2. Character and entity references
  - 3. Data types
  - 4. Document type declaration
- III. Semantic HTML
- IV. Delivery
  - 1. HTTP
  - 2. HTML e-mail
  - 3. Naming conventions
  - 4. HTML Application
- V. HTML4 variations
  - 1. SGML-based versus XML-based HTML
  - 2. Transitional versus strict
  - 3. Frameset versus transitional
  - 4. Summary of specification versions
- VI. HTML5 variants
  - 1. WHATWG HTML versus HTML5
- VII. Hypertext features not in HTML
- VIII. WYSIWYG editors
- IX. See also
- X. References
- XI. External links

## Task 3

**Implement an HTML page with a list of definitions and footnotes.**

Style the page as in the Figure below:

### TAG

In information systems, a tag is a keyword or term assigned to a piece of information (such as an Internet bookmark, digital image, database record, or computer file). This kind of metadata helps describe an item and allows it to be found again by browsing or searching.<sup>[1]</sup> Tags are generally chosen informally and personally by the item's creator or by its viewer, depending on the system, although they may also be chosen from a controlled vocabulary.<sup>[2]</sup>

### ATTRIBUTE

HTML attributes are special words used inside the opening tag to control the element's behaviour. HTML attributes are a modifier of an HTML element type. An attribute either modifies the default functionality of an element type or provides functionality to certain element types unable to function correctly without them. In HTML syntax, an attribute is added to an HTML start tag.

### ELEMENT

An HTML element is an individual component of an HTML (Hypertext Markup Language) document or web page.[vague] HTML is composed of a tree of HTML nodes, such as text nodes. Each node can have HTML attributes specified. Nodes can also have content, including other nodes and text. Many HTML nodes represent semantics, or meaning. For example, the <title> node represents the title of the document.

[1] Some users, however, see tags not as metadata but as "just more content": Berendt, Bettina; Hanser, Christoph (2007). "Tags are not metadata, but 'just more content'—to some people" (PDF). Proceedings of the International Conference on Weblogs and Social Media (ICWSM), Boulder, Colorado, USA, March 26–28, 2007. Menlo Park, CA: International Joint Conferences on Artificial Intelligence. OCLC 799635928.

[2] Smith, Gene (2008). Tagging: people-powered metadata for the social web. Berkeley: New Riders Press. ISBN 9780321529176. OCLC 154006677.

The text is attached to the PDF file of this Practice.\*



To access materials, open this Practice in [Adobe Acrobat Reader](#).