

Week 2 Overview

Activities

1. Watch the two lecture videos: HTML Tables and Form, and CSS Basics. You can find the lectures notes used in the videos in the Lecture Notes section.
2. Post your questions and comments in the weekly discussion.
3. Complete Week 2 Quiz by Sunday 9/5.
4. Complete and submit Week 2 Lab by Sunday 9/5.

Learning Objectives

The learning objectives of this week are:

- Know how to use `<table>`, `<tr>`, `<th>`, `<td>` tags to create tables in HTML.
- Know how to use border, cellpadding, and cellspacing attributes of `<table>`.
- Know how to use `<caption>`, `<thead>`, `<tbody>` tags.
- Know how to create merged cells in HTML tables.
- Know how to use `<form>` to create forms in HTML.
- Know the meaning of the action and method attributes of `<form>`.
- Know the meaning of the name and value attributes of `<input>`.
- Know how to use `<input>` to create various form controls such as text field, password field, checkbox, radio button, and submit and reset buttons.
- Know how to use specify boolean attributes such as required, checked, and selected.
- Know how to use `<select>` and `<option>` to create lists and dropdown lists.
- Know how to use other form control elements including `<button>`, `<textarea>`, and `<label>`.
- Know the purposes and benefits of using CSS.
- Know the three different ways to include CSS in a web page: inline style, internal stylesheet, and external stylesheet.
- Know how to use basic selectors including element name selector, id selector, class selector, and attribute selector.
- Know how to combine selectors.
- Know the three factors determine which rules are applied to an HTML element: importance, specificity, and source order.
- Know how to check which rules are applied to an HTML element using browser developer tools.
- Know the basic properties for style text, including color, background-color, font-family, font-size, line-height, text-indent, text-align, text-transform, and text-decoration.