

IN-CLASS STUDENT ACTIVITY 2.1: CHOOSE AND CONFIGURE HTML5 TAGS TO DISPLAY TEXT CONTENT

Lesson Objective 2.1:

Choose and configure HTML5 tags to display text content.

Resources, software, and additional files needed for this lesson:

1. Microsoft® Expression® Web 4 (preferred), Microsoft Visual Studio®, or Notepad.

Guiding questions:

1. How has HTML5 changed from HTML4?
2. What does it mean when a tag is deprecated?
3. What happens to existing tags that have changed from HTML4 to HTML5?

Student activity:

Directions to the student:

Read the following scenario and answer the questions. Verify your answers with the instructor.

Scenario:

Diane Forsyth and Ann Wallace are seniors in high school. They are taking a web design course as a technology elective.

Their teacher is introducing the topic of HTML5 and the differences between HTML4 and HTML5. She has assigned Diane and Ann to work together on an assignment to research selecting and configuring HTML5 tags to display text content. When they finish compiling the information, they must prepare a lesson to teach the other students what they learned and provide sample activities to reinforce the new skills. Their lesson must include creating a web page with the following HTML5 tags:

- Header
- Footer
- Small
- Mark

Content:

1. What are the key topics that Diane and Ann need to include in their lesson?
2. What examples and demonstrations should be included in the lesson? Include at least two or three examples and one demonstration. Assign students to solve a problem and then describe the solution to the class.
3. How can Diane and Ann assess the student understanding of the topic?