

IN-CLASS STUDENT ACTIVITY 2.5: CHOOSE AND CONFIGURE HTML5 TAGS FOR INPUT AND VALIDATION

Lesson Objective 2.5:

Choose and configure HTML5 tags for input and validation.

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

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

Guiding questions:

1. What do the new form elements (progress, meter, datalist, keygen, and output) add to a web page?
2. HTML5 introduces 13 new input types and several new input attributes. How are these new types used to make user interaction easier?
3. How does the use of semantic tags help make creating forms easier?

Student activity:

Directions to the Student:

Read the following scenario and make the changes specified in the Content section. Verify your answers with the instructor.

Scenario:

Stuart Glasson is a web developer for a small company in Australia. He has been assigned the task of converting the contact page on the company website to use the new HTML5 elements that provide the option of using placeholder text, the ability to easily identify required fields, and instant validation of entered data.

Content:

1. Modify the code below to use the new HTML5 input types: email, url, date, and number where possible:
2. Update the required fields: name, email address, and telephone number.

3. Add placeholder text for name, email address, and telephone number.

```
<form>
<p>Name:<br>
<input type=text id=name>
<p>Email: <br>
<input type=text id=email>
<p>Tel:<br>
<input type=text id=tel>
<p>URL:<br>
<input type=text id=URL>
<p>Job Description:<br>
<textarea id=jobDescription> </textarea>
<p>Hire date:<br>
<input type=text id=hireDate>
<p>
<input type=submit value="Submit Info">
</form>
```