Week 2 Quiz

<form method="GET" action="/processor">

<h1>Buy Tickets to the Web Developer Gala </h1>

<p>Tickets are $10 each. Dinner packages are an extra $5. All fields are required.</p>

<fieldset title="fieldset1">

<legend>Tickets and Add-ons</legend>

<p>

<label for="quantity">Number of Tickets</label>

<span class="help">Limit 8</span>

<input type="number" value="1" name="quantity" id="quantity" step="1" min="1" max="8" required>

</p>

<p>

<label for="quantity">Dinner Packages</label>

<span class="help">Serves 2</span>

<input type="number" value="1" name="quantity" id="quantity" step="1" min="1" max="8">

</p>

</fieldset>

<fieldset title="fieldset2">

<legend>Payment</legend>

<p>

<label for="ccn">Credit card number</label>

<span class="help">No spaces or dashes, please.</span>

<input type="text" id="ccn" name="ccn" placeholder= "372000000000008" maxlength="16" size="16" required>

</p>

<p>

<label for="expiration">Expiration date</label>

<span class="help"><abbr title="Two-digit month">MM </abbr>/<abbr title="Four-digit Year">MM</abbr>YYYY</span>

<input type="text" id="expiration" name="expiration" placeholder="01/2018" maxlength="7" size="7" required>

</p>

</fieldset>

<fieldset title="fieldset3">

<legend>Billing Address</legend>

<p>

<label for="name">Name</label>

<input type="text" id="name" name="name" placeholder= "ex: John Q. Public" size="40" required>

</p>

<p>

<label for="street\_address">Street Address</label>

<input type="text" id="name" name="name" placeholder= "ex: 12345 Main Street, Apt 23" size="40">

</p>

<p>

<label for="city">City</label>

<input type="text" id="city" name="city" placeholder= "ex: Anytown">

</p>

<p>

<label for="state">State</label>

<input type="text" id="state" name="state" placeholder= "CA" maxlength="2" pattern="[A-W]{2}" size="2">

</p>

<p>

<label for="zip">ZIP</label>

<input type="text" id="zip" name="zip" placeholder= "12345" maxlength="5" pattern="0-9{5}" size="5">

</p>

</fieldset>

<button type="submit">Buy Tickets!</button>

</form>

**Question 1**

**4 / 4 pts**

Match the ones that correspond with each other.

**descendant**

               fieldset p

**adjacent sibling**

               legend + p

**child**

               form > p

**general sibling**

               label ~ input

**Question 2**

**1 / 1 pts**

How many paragraphs would be affected by the selector: form >p?

1

3

5

10

**Question 3**

**1 / 1 pts**

How many paragraphs would be affected by the selector: form p?

1

3

5

10

**Question 4**

**1 / 1 pts**

How many elements would be selected with "span help"?

0

1

2

4

**Question 5**

**1 / 1 pts**

How many elements would be selected with “span.help" (SELECT ALL THAT APPLY)?

0

1

2

4

**Question 6**

**1 / 1 pts**

Which would **not** select the first fieldset (SELECT ALL THAT APPLY)?

p + fieldset

fieldset:nth-child(1)

fieldset:first-of-type

fieldset:nth-of-type(1)

**Question 7**

**1 / 1 pts**

Which rule(s) would select all fieldset tags except for the first (SELECT ALL THAT APPLY)?

fieldset + fieldset

fieldset

fieldset:not(:first-of-type)

a and c (the first and third answer)

**IncorrectQuestion 8**

**0 / 1 pts**

Write a CSS selector for the following rule that would turn any invalid <input>s red.

{background-color:red;}

Only give the selector for the answer.

A close-up of a sign

Description automatically generated

Correct maybe?? - input:invalid

**IncorrectQuestion 9**

**0 / 1 pts**

What if I only wanted the style applied to invalid inputs that are required?

input:required:invalid

Correct maybe?? – input[required]:invalid

**IncorrectQuestion 10**

**0 / 1 pts**

What effect would the following selector have? [title\*=fieldset]

It would do nothing.

It would select all elements with a title attribute that contains the word 'fieldset'. – maybe correct??

It would select all <fieldset> elements with a title attribute

It would select all <fieldset> elements with a title attribute that equals 'fieldset'. . My answer

**Question 11**

**1 / 1 pts**

Which of the following is true about pseudo-elements?

Only one pseudo-element can be used per selector.

Let us style elements that aren't directly present in the document tree.

Typically are used with a double colon (::).

All of the above.

**Question 12**

**1 / 1 pts**

Which of the following is true about pseudo-classes?

Let us style objects based on information unable to be expressed using simple selectors.

Can be used to insert content into the document.

Typically are used with a double colon (::).

Only one pseudo-class can be used per selector.

**Question 13**

**1 / 1 pts**

Which selector would select all items in a list after the 5th?

li:nth-child(5n)

li:nth-child(n+5)

li:nth-child(n+6)

li:nth-child(-n+5)

**Question 14**

**1 / 1 pts**

For the example HTML provided, what selector would select any <input> that was preceded by a label, but not an input without a label? **Notice the input does not necessarily follow immediately after the label.**

label + input

label > input

label input

label ~ input

**Question 15**

**1 / 1 pts**

What would the specificity of the following selectors be? (Give in the form: 1,1,1)

span.help

A white rectangular object with a black border

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**Question 16**

**1 / 1 pts**

What would the specificity of the following selectors be? (Give in the form: 1,1,1)

label::first-letter



**IncorrectQuestion 17**

**0 / 1 pts**

What would the specificity of the following selectors be? (Give in the form: 1,1,1)

li:nth-child(5n)



Correct maybe?? – 0,1,1

**Question 18**

**1 / 1 pts**

What would the specificity of the following selectors be? (Give in the form: 1,1,1)

fieldset[title=fieldset2] > p + p



Refer to the [example HTML](https://byui.instructure.com/courses/264000/files/114172960/download?wrap=1)[Download example HTML](https://byui.instructure.com/courses/264000/files/114172960/download?download_frd=1)for the next four questions.

**Question 19**

**Not yet graded / 1 pts**

The second <p> of the second <fieldset> could be selected by either of these selectors below. Explain why the first would be a better option than the second.

fieldset[title=fieldset2] > p + p

fieldset:nth-of-type(2) >p + p

Your Answer:

The first option is better because it is more specific.  Title=fieldset2 is more specific than fieldset:nth-of-type(2).

**Question 20**

**Not yet graded / 1 pts**

Explain the difference the space makes with the following two selectors: "div.help" and "div .help". How does it change what will be selected?

Your Answer:

without the space, div.help means we are selecting the div element with a class of help.  With the space, div .help means we are selecting anything with a class of help inside a div.

**Question 21**

**Not yet graded / 1 pts**

For the [example HTML](https://byui.instructure.com/courses/264000/files/114172960/download?wrap=1)[Download example HTML](https://byui.instructure.com/courses/264000/files/114172960/download?download_frd=1)write the CSS that would surround the help text (class=“help”) with parenthesis.

Your Answer:

.help::before { }

.help:: after { }

Correct maybe?? –

.help::before {

content:"("

}

.help::after {

content:")"

}

**Question 22**

**Not yet graded / 1 pts**

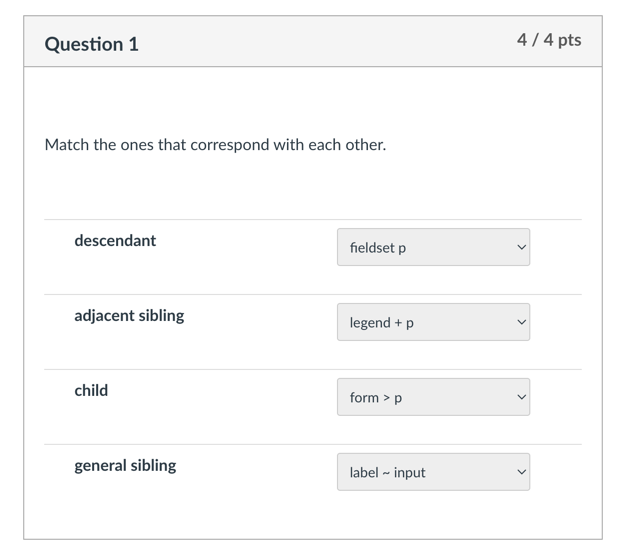
Short forms are always nice. Write a CSS rule that will hide any paragraphs in a fieldset after the 2ndfieldset.

Your Answer:

fieldset:nth-of-type(n+3) p {

display: none;

}



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A screenshot of a computer

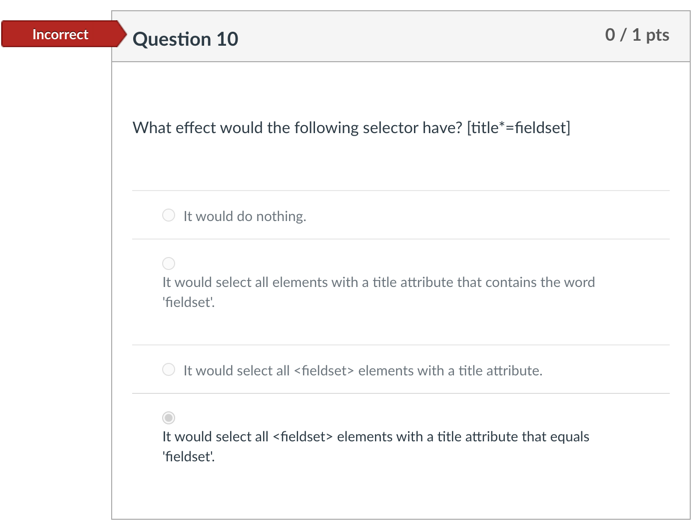
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A screenshot of a computer

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A screenshot of a computer

Description automatically generated

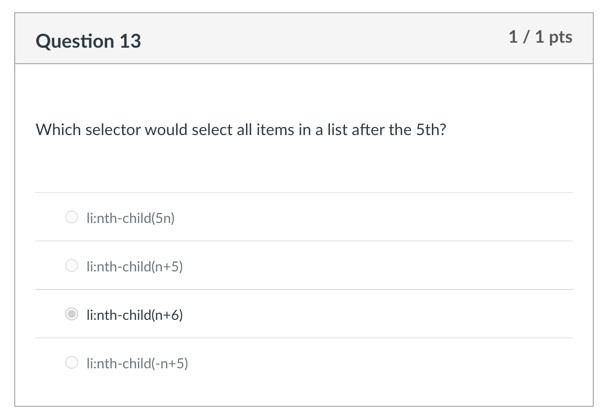


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A screenshot of a question

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A screenshot of a test

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A screenshot of a computer screen

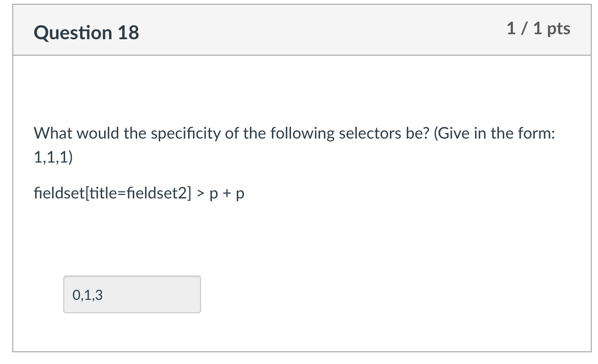
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