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CSS rules (1-7)

Source code for the following question (1):

```
1. <!DOCTYPE html>
2. <html>
3.   <head>
4.     <css>
5.       .swann-way { font-size: 2pm; }
6.       h { font-base: monospace; }
7.       h3.h { font-size: larger; }
8.       #subtitle { color: blue; }
9.     </css>
10.  </head>
11.  <body>
12.    <h1 id="swann-way" class="h">Swann's Way</h1>
13.    <h2 id="subtitle" class="h">Remembrance of Things Past,
    Volume One</h2>
14.    <author>By Marcel Proust</author>
15.    <h3 class="h">Overture</h3>
16.    <p>For a long time I used to go to bed early. Sometimes,
    when I had put out my candle, my eyes would close so quickly
    that I had not even time to say <q>I'm going to sleep.</q>
    </p>
17.  </body>
18. </html>
```

1. Error identification

5.0/5.0 points (graded)

Examine the HTML and CSS above. It has several problems.

The CSS rules in the code above are not correctly displaying. Please identify all the errors: (select all that apply - 5 correct answers!)

☐ The CSS selector `#subtitle` is incorrect. It should be `.subtitle`



`<css>` is not a valid tag



The CSS selector `.swann-way` is incorrect. It should be `#swann-way`



No element has the class of `subtitle`. This prevents one of the CSS rules from working



The CSS selector `h` is incorrect. It should be `.h`



`pm` is not a valid unit



`h3.h` is reversed, it should be `h.h3`.



`font-base` is not a valid CSS property



`larger` is not an acceptable value for `font-size`



Note that this question is worth 5 points!

Submit

You have used 1 of 3 attempts

2. External parent

1.0/1.0 point (graded)

What tag will let you bind an external .css file to a parent .html file?

`<link>`



Submit

You have used 1 of 2 attempts

3. CSS in HTML

1/1 point (graded)

What tag will let you place CSS code directly into an HTML file?



You have used 1 of 2 attempts

4. Cramped lines

1/1 point (graded)

You have a long paragraph of text. You have already adjusted the `font-size` and are happy with it. But the lines of text in the paragraph are simply too cramped and you want to space them out more.

What CSS property should you use to make the text less cramped?



You have used 1 of 2 attempts

5. More space, please

1/1 point (graded)

Your `<article>` contains several paragraphs of text (`<p>`). You want more space between the individual paragraphs.

What CSS property should you use to put more space between the paragraphs?



You have used 1 of 2 attempts

6. Valid CSS units

5.0/5.0 points (graded)

Which of the following are valid CSS units?
(select all that apply - 6 correct answers!)

☒ `vh`

☒ px☐ pix☐ perc☒ em☒ rem☐ sem☒ %☒ vw

Note that this question is also worth 5 points!

Submit

You have used 1 of 3 attempts

Source code for the following question (7):

```
1. <ul>
2.   <li>birds
3.     <ul>
4.       <li>flying
5.         <ul>
6.           <li>hawk</li>
7.           <li>sparrow</li>
8.         </ul>
9.       </li>
10.    <li>flightless
11.      <ul>
12.        <li>penguin</li>
13.        <li>ostrich</li>
14.      </ul>
15.    </li>
16.  </ul>
17. </li>
```

```
18.    <li>bugs
19.      [ ... MORE BUGS ... ]
20.    </li>
21. </ul>
```

7. Which is the cause of this problem?

0.0/2.0 points (graded)

Your page contains a nested list, an excerpt of which is above.

However, there is a problem. Each more deeply nested item is smaller than the parent. The most deeply nested items (like *hawks*, *sparrows*, *penguins* and *ostrich*) are so small as to be unreadable.

Which is the most likely cause of this problem?

☒ `li { font-size: .5em; }` ✓

☐ `ul > li { font-size: 14px; }`

☐ `li { font-size: .5rem; }`

☒ `ul li { font-size: 14px; }`

☐ `li { margin-top: 10%; }`

Note that this question is worth 2 points!

Explanation

The `em` unit is used to size text relative to the parent text. So in the case of nested lists, if the list items have `font-size: .5em;` then the outermost list items are half the font size of the main page.

But the second level in are half the size of that, because they are half the size of their parent (which are already half sized). So that second level is a quarter size.

And the *third* nested level is half again, so only 12% of the original page font size. And so on.

Submit

You have used 2 of 2 attempts

i Answers are displayed within the problem

