

W01 Learning Activities

- Due Oct 30 at 11:59pm
- Points 17
- Questions 17
- Available until Nov 6 at 11:59pm
- Time Limit None
- Allowed Attempts 3

Instructions

Complete the [W01 Learning Activities \(https://byui-cse.github.io/wdd231-ww-course/week01\)](https://byui-cse.github.io/wdd231-ww-course/week01) and then return to this quiz to report on your work and check your understanding.

This first learning activity quiz includes a review of some basic HTML, CSS, and JavaScript (core web technologies) that you have used in your prerequisite work and courses.

Conditions

- The quiz is open note, application, and internet.
- Your latest score will be recorded.

Take the Quiz Again

Attempt History

	Attempt	Time	Score
KEPT	Attempt 2	4 minutes	16 out of 17
LATEST	Attempt 2	4 minutes	16 out of 17
	Attempt 1	32 minutes	14.83 out of 17

! Correct answers are hidden.

Score for this attempt: 16 out of 17

Submitted Oct 31 at 8:36pm

This attempt took 4 minutes.



Question 1

1 / 1 pts

Which of the following is a web-based, version-control, and collaboration system that will be used in this course to provide a viewable domain for your work?

- ☒ GitHub
- ☐ Visual Studio Code
- ☐ SitePoint
- ☐ W3C
- ☐ WHATWG

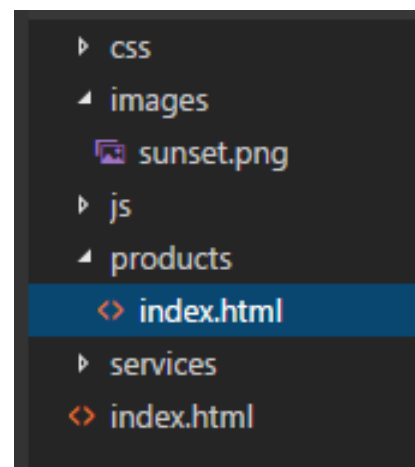


Question 2

1 / 1 pts

File Path Question: To link to a target file in the directory above or in a sibling path the invoking HTML file, what syntax is used in the file reference?

Example: If a file named **index.html** was inside a subfolder named **products** and needed to reference an image inside a subfolder named **images**, the reference could be completed properly using which of the following choices to fill in the blank provided in the href property given here?



href="___/images/sunset.png"

- ☐ <
- ☐ >
- ☒ ..
- ☐ /:
- ☐ :-|



Question 3

1 / 1 pts

Which of the following snippets correctly references an external JavaScript file name **script.js** located in a subfolder named scripts in HTML?

- ☐ <link href="scripts/script.js" type="text/javascript">
- ☐ <script src="/scripts/script.js"></src>
- ☐ <link href="scripts/script.js" ></link>

☒ <script src="scripts/script.js"></script>



Question 4

1 / 1 pts

Given the following HTML code snippet:

```
<main>
  <section class="linklist">
    <h2>Products</h2>
    <ul>
      <li>Lamp Shade <a href="products/4567.html">Details</a></li>      <li>Electrical Plug Protect
    </ul>
  </section>
</main>
```

Which of the following CSS selectors selects all the list item elements in the unordered list?

- ☒ .linklist ul li
- ☐ .linklist h2 ul li
- ☐ .linklist, ul, li
- ☐ main > li
- ☐ .linklist + li

Incorrect



Question 5

0 / 1 pts

Given the following JS code snippet with variables, rewrite the entire statement using a template literal.

Here is an an example of the output desired: "There are 54 days until Christmas!"

You can assume that all the variables used in the concatenated expression have been declared and are ready to use. You must include a closing semicolon.

```
const daysUntil = "There are " + daycount + " days until " + targetEvent + "!";
```

```
const daysUntil = `There are ${daycount} days until ${targetEvent}!`
```



Question 6

1 / 1 pts

Which of the following JavaScript variable declaration statements has a function scope versus a block scope? **We should avoid using this variable declaration keyword.**

☒ var

[MDN var statement](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/var) (https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/var)

☐ let

☐ const

☐ def



Question 7

1 / 1 pts

Which of the following is a **self-closing** or **void** HTML tag?

Additional Note: that we should **not** include a closing backslash in the opening tag for a self-closing element.

☐ body

☐ ul

☐ aside

☒ img

☐ a

☐ div



Question 8

1 / 1 pts

Given the following HTML snippet, match each of the following to its corresponding label or definition.

```
<section class="temple highlight">
  <h3>Salt Lake Temple</h3>
  <p>The Salt Lake Temple is a landmark and symbol for The Church of Jesus Christ of Latter-day Saints.</p>
  <p>The purpose of this temple and all other Latter-day Saint temples is to help all of God's children come closer to Jesus Christ.</p>
</section>
```

<section>

an opening tag ▼

highlight

class attribute value

class

attribute

</p>

a closing tag

<h3>Salt Lake Temple</h3>

a nested element

Salt Lake Temple

content



Question 9

1 / 1 pts

HTML tags are case sensitive. For example, <Main> is different than <main>.

☐ True

☒ False

These are the same thing, however, **always use lowercase HTML**.

HTML does not require lowercase tags, but we require a lowercase HTML standard which is supported by the industry.

Some stricter document types, like XHTML, require lowercase.



Question 10

1 / 1 pts

Make the following content into an HTML comment.

This is an HTML comment

<!--This is an HTML comment-->



Question 11

1 / 1 pts

Which of the following **file and folder names** are appropriate for the web and the standards of this class?

Check all that apply.

- ☒ images/temple.webp
- ☐ Images/temple.JPG
- ☐ chamber/home page.html
- ☒ scripts/weather.js
- ☐ scripts/#counter.js
- ☐ resources/img/profile.png



Question 12

1 / 1 pts

Which of the following folder names does **this** course use as the **standard folder names** for asset sub-folders? (Select all that apply)

- ☐ css
- ☒ styles
- ☒ scripts
- ☐ js
- ☐ img
- ☒ images



Question 13

1 / 1 pts

Another student is getting an **HTML validation error** on this page.

What feedback would you provide?

Select all that apply.

```
<link href="styles/base.css" rel="stylesheet" >  
<link href="styles/larger.css">
```

- ☐ Looks like you fixed the problem, your code looks good now.

- ☒ A link element is missing the rel attribute.
- ☐ A link element is missing the name attribute.
- ☐ You have a spelling error in your path.



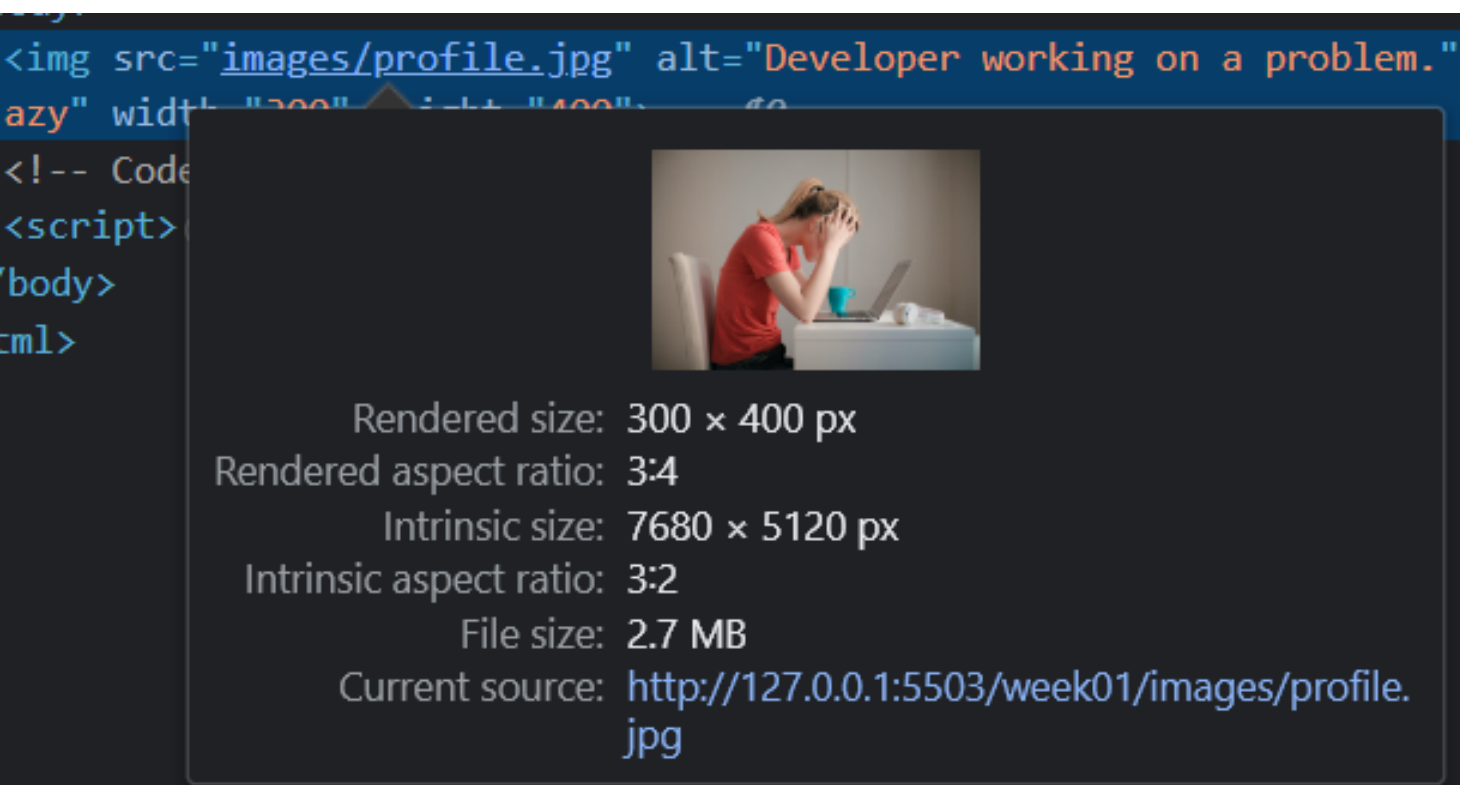
Question 14

1 / 1 pts

Here is a screenshot of a fellow student's **Inspection** of an image using the browser's DevTools when hovering over the `` src attribute.

What feedback should you provide given the data provided?

Select all that apply.



- ☐ Everything looks good. Great Job!
- ☒ Your image file size is too large, try reducing the quality using an image editing program.



The rendered aspect ratio of the image is not correct. The image is stretched, blurry, and/or pixelated (this is not shown in the popup). Keep the aspect ratio the same.



Your image pixel dimensions are way too large for what is actually needed on the page. Reduce the image's dimensions to a more manageable size.



Question 15

1 / 1 pts

Given that the parent items is a CSS grid, **how many columns** will this `<aside>` span?

```
aside {
  border: 1px solid #eee;
  padding: 2rem;
  text-align: center;
  grid-column: 1 / 3;
}
```

- ☐ One
- ☒ Two
- ☐ Three
- ☐ Four
- ☐ Cannot be determined



Question 16

1 / 1 pts

Given the following HTML markup snippet:

```
<ul>
  <li>Unordered item</li>
  <li>Unordered item
    <ol>
      <li>Item 1</li>
      <li>Item 2</li>
    </ol>
  </li>
</ul>
```

and the following CSS rules written in the given order:

```
ul ol li {
  color: forestgreen;
}
ul li {
  color: red;
}
ol + li {
  color: blue;
}
```

What color will be assigned to the ordered list items after rendering?

- ☒ Forest green
- ☐ Red
- ☐ Blue
- ☐ Black
- ☐ The first will be blue and the second red



Question 17

1 / 1 pts

A member of your group wants help with a page that uses a media query.

The **<h1>** element's color is not turning red in the wider or larger view only. Right now the page **always** shows the h1 text to be red.

Which of the following feedback statements should you give them?

```
@media (min-width: 32.5rem) {}  
  h1 {  
    color: red;  
  }
```

Select all that apply.

- ☐ The problem is not found in the CSS file.
- ☒ The h1 tag is not inside the media query.
- ☐ You must include the screen media type in the @media query.
- ☐ You cannot use rem units in media queries.

Quiz Score: 16 out of 17