W05 Learning Activities

- Due Oct 2 at 11:59pm
- Points 7
- Questions 7
- Available until Oct 16 at 11:59pm
- Time Limit None
- Allowed Attempts 3

Instructions

Complete the **Learning Activities** ⤷ **(https://byui-cse.github.io/wdd231-ww-course/week05)** and then return to this quiz to report on your work and check your understanding.

Additional Conditions

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

Attempt History

	Attempt	Time	Score
KEPT	**Attempt 3**	2 minutes	7 out of 7
LATEST	**Attempt 3**	2 minutes	7 out of 7
	Attempt 2	9 minutes	6 out of 7
	Attempt 1	77 minutes	5 out of 7

ⓘ Correct answers are hidden.

Score for this attempt: 7 out of 7
Submitted Oct 9 at 2:54pm
This attempt took 2 minutes.

⠿

Question 1

1 / 1 pts

Which of the following factors is **NOT** typically considered when optimizing page performance?

○ Page load time

○ Image compression

○ Number of JavaScript libraries used

◉ Font size and font family

⠿

Question 2

1 / 1 pts

What does the term "first contentful paint" (FCP) measure in relation to page performance?

◉ The time taken to render the first bit of content from the DOM (Document Object Model) onto the screen.

○ The time is takes for the first image to start to render onto the screen..

○ The time is taken to render the headings and form elements (if any) on the page.

○ The time it takes for images to load onto the screen.

Question 3

1 / 1 pts

What is the purpose of lazy loading images on a web page?

◉ To defer the loading of non-essential images until after the initial page load

○ To preload images in anticipation of user interaction

○ To reduce the file size of images by compressing them

○ To asynchronously load images from a content delivery network (CDN)

Question 4

1 / 1 pts

In an effort to reduce the complexity of CSS selectors in order to reduce the scope and complexity of style calculations to increase page performance, one of the simplest methods change a selector like this

```
ul li:nth-last-child(-n+1) .title { /* style declarations */}
```

to which of the following?

○ a JavaScript function

◉ a class

○ a semantic HTML element

○ an id

Question 5

1 / 1 pts

Why is including a color scheme and typography section important in a site plan document?

◉ It ensures consistency in branding and supports the visual identity of the website

○ It defines the server environment and browser compatibility

○ It determines the SEO ranking of the website

○ The schema plan reduces the total development time

Question 6

1 / 1 pts

What is one key benefit of creating wireframes in the early stages of website planning?

○ They finalize the site's JavaScript interactivity

○ They show the full HTML and CSS code for each page

○ They act as placeholders for metadata and backend scripts

◉ They provide a visual layout of page structure and help identify usability issues before development begins

⠿

Question 7

1 / 1 pts

How does prioritizing above-the-fold content improve the user experience during page load?

◉ It allows the browser to render visible content faster, making the page usable sooner

Prioritizing above-the-fold content (what users see first without scrolling) enables the browser to render useful portions of the page quickly, leading to a smoother and more responsive experience.

○ It ensures search engines rank the site higher based on visual design

○ It minimizes the amount of data sent in the initial request

○ It delays font loading until the user interacts with the page

Quiz Score: 7 out of 7