

# Quiz 1: Introduction to Web Applications

**Due** Sep 12 at 11:59pm

**Points** 10

**Questions** 10

**Available** Sep 8 at 5pm - Sep 12 at 11:59pm

**Time Limit** 15 Minutes

## Instructions

Please watch the videos in module 1 before attempting the quiz. You'll get only 1 attempt and it's timed.

This quiz was locked Sep 12 at 11:59pm.

## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	4 minutes	10 out of 10

Score for this quiz: **10** out of 10

Submitted Sep 10 at 11:47am

This attempt took 4 minutes.

### Question 1

1 / 1 pts

Which of the following is NOT a difference between a traditional desktop application and a web application ?

- A. Desktop applications run locally, while web applications run on both the client and the server
- B. Desktop applications are not limited to using the web browser, while web applications are
- C. Desktop applications do not require constant connection to the Internet, while web applications do for the most part
- D. Desktop applications do not need periodic upgrades, while web applications do

**Correct!**

☐ A

☐ B

☐ C

☒ D

## Question 2

1 / 1 pts

In a modern application, in order to bring in new content from the server, which of the following is typically used ?

A. Clicking a new hyper-link

B. AJAX request

C. Submitting a form

D. None of the above

☐ A

☒ B

☐ C

☐ D

**Correct!**

## Question 3

1 / 1 pts

Modern web applications do NOT need to perform any processing on the server after the initial page load in order to provide interactivity to the end user

Correct!

☒ True

☐ False

#### Question 4

1 / 1 pts

Which is the only HTML element of the ones shown below that does not have a visual representation of its own (as per the HTML standard) ?

A. <A>

B. <P>

C. <DIV>

D. <UL>

☐ A

☐ B

Correct!

☒ C

☐ D

#### Question 5

1 / 1 pts

The main difference between the ID and class attribute of a HTML element is

A. IDs are unique while Classes are not

B. Classes are unique while IDs are not

C. Neither IDs nor Classes are unique

D. None of the above

**Correct!**

☒ A

☐ B

☐ C

☐ D

### Question 6

1 / 1 pts

In CSS, the order for most "specific" rule matching in a given element, which of the following comes first (i.e., has the highest priority)

A. IDs

B. Tags

C. Classes

D. None of the above

**Correct!**

☒ A

☐ B

☐ C

☐ D

### Question 7

1 / 1 pts

Consider the following HTML element `<div class = "XYZ" ID="ABC">`, and the CSS rules as follows:

```
#ABC { color: red }
```

.XYZ { color: blue }

Assuming there're no other rules in the CSS file, then the color of the element is

- A. Blue
- B. Red
- C. Both Red and Blue
- D. None of the above

☐ A

☒ B

☐ C

☐ D

Correct!

### Question 8

1 / 1 pts

Write the CSS rule tag to match the following "An element X that is a direct child of an element Y"

Y > X

Correct!

Incorrect Answers

Y > X

Y>X

Y >X

Y> X

### Question 9

1 / 1 pts

The DOM tree of a modern web application remains static throughout its execution.

☐ True

☒ False

Correct!

### Question 10

1 / 1 pts

The DOM tree of an application is common to all its elements; HTML, CSS and JavaScript code (if any).

☒ True

☐ False

Correct!

Quiz Score: **10** out of 10