

Quiz 5

Due May 24 at 1:30pm
Time Limit 30 Minutes

Points 16

Questions 16

Available until May 24 at 1:30pm

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	13 minutes	16 out of 16

⚠ Correct answers will be available on May 24 at 1:30pm.

Score for this quiz: **16** out of 16

Submitted May 24 at 12:03am

This attempt took 13 minutes.

Question 1

1 / 1 pts

What will you call to return all h2 elements in an HTML document that are nested under the header class?

- ☐ document.querySelector(".header, h2");
- ☐ document.querySelector("header h2");

☒ document.querySelectorAll(".header h2");

☐ document.querySelectorAll("header & h2");

Question 2

1 / 1 pts

The style property of an element inside the DOM gives you a list of all styles applied to that element.

☐ True

☒ False

Question 3

1 / 1 pts

Where is a new element created using the createElement() method added?

☐ at the beginning of the document

☒ in the browser memory only, since to add it to the document you must use the appendChild() or append() methods

- ☐ at the end of the document
- ☐ where the last element was created

Question 4

1 / 1 pts

What happens after running this code?

```
const mainHeading = document.querySelector('#mainHeading');  
const otherHeading = document.querySelector('#otherHeading');  
const excitedText = document.createElement('span');  
  
excitedText.textContent = '!!!';  
mainHeading.appendChild(excitedText);  
otherHeading.appendChild(excitedText);
```

- ☐ only element with id="mainHeading" has 3 exclamation marks
- ☒ only element with id="otherHeading" has 3 exclamation marks
- ☐ Both headings have 3 exclamation marks
- ☐ Neither has any exclamation marks

Question 5

1 / 1 pts

Imagine the default behavior associated with a button is to scroll the page to the top. Which option would change the color of the text on the page to blue when the button is clicked without the page scrolling to the top?

```
theButton.addEventListener(  
_____, function(e){e._____  
  
document.body._____= "blue";  
});
```

- ☐ "click" - preventDefault; - style.backgroundColor
- ☒ "click" - preventDefault(); - style.color
- ☐ Click - preventDefault() -color
- ☐ "click" - preventDefault(); - style.backgroundColor

Question 6

1 / 1 pts

It is possible to add event handlers on the <div> element to capture interactions with any of the button elements?

```
<div>
  <button>Add</button>
  <button>Edit</button>
  <button>Delete</button>
</div>
```

☒ True

☐ False

Question 7

1 / 1 pts

If only the `` element has event handlers, how can you find out which `` element has been interacted with?

```
<ul id="parent-list">
  <li id="post-1">Item 1</li>
  <li id="post-2">Item 2</li>
  <li id="post-3">Item 3</li>
</ul>
```

☒ Using target property of the event object

☐ Using type property of the event object

☐ Calling `stopPropagation` method on event object

☐ This is not possible.

Question 8

1 / 1 pts

Which one is a correct way to pass a function to the event listener? (select all that applies)

☒ `mainHeading.addEventListener("click", () => { console.log("you clicked!"); });`

☐ `mainHeading.addEventListener("click", function () => { console.log("you clicked!"); });`

☒ `mainHeading.addEventListener("click", function () { console.log("you clicked!"); });`

`function logClick()
{
 console.log("you clicked!");
};`
☒ `mainHeading.addEventListener("click", logClick);`

Question 9

1 / 1 pts

In modern browsers, by default, all event handlers are registered for the bubbling phase. That means that after an event is dispatched, the event bubbles outward to the `<html>` element.

☒ True

☐ False

Question 10

1 / 1 pts

Inline event handlers (HTML event handler attributes) such as
`<button onclick="bgChange()">Press me</button>`
should be avoided as it's outdated, and considered as bad practice.

☒ True

☐ False

Question 11

1 / 1 pts

What happens after running this code?

```
theElement.addEventListener('click', function myEventListeningFunction() {  
    console.log('howdy');
```

```
});  
  
theElement.removeEventListener('click', function myEventListeningFunction() {  
    console.log('howdy');  
});
```

-
- ☒ theElement will continue to listen to events
-
- ☐ theElement will have no event listeners

Question 12

1 / 1 pts

What happens after running this code?

```
function myEventListeningFunction() {  
    console.log('howdy');  
}  
  
theElement.addEventListener('click', myEventListeningFunction);  
  
theElement.removeEventListener('click', function myEventListeningFunction);
```

-
- ☐ theElement will continue to listen to events
-
- ☒ theElement will have no event listeners

Question 13

1 / 1 pts

These two blocks of code behave exactly the same:

1)

```
myElement.onclick = functionA;
```

```
myElement.onclick = functionB;
```

2)

```
myElement.addEventListener('click', functionA);
```

```
myElement.addEventListener('click', functionB);
```

☐ True

☒ False

Question 14

1 / 1 pts

Which one changes the src attribute for the img tag with id="myImg"?

☒ `<script>`
function myFunction() {
document.getElementById("myImg").src = "arrow.jpg";
}
`</script>`

☐ `<script>`
function myFunction() {
document.querySelector("myImg").src = "arrow.jpg";
}
`</script>`

☐ `<script>`
function myFunction() {
document.querySelectorAll("#myImg").src = "arrow.jpg";
}
`</script>`

☐ `<script>`
function myFunction() {
document.querySelectorAll(".myImg").src = "arrow.jpg";
}
`</script>`

Question 15

1 / 1 pts

How can you retrieve an element with id="first"?

☐ `document.getElementById("first")`

☐ document.querySelector("#first")

☒ Both A and B

Question 16

1 / 1 pts

Which one(s) locates only the second p element? (select all the applies)

<body>

<h1>Let's try some JavaScript </h1>

<p class="message"> This is CS 5610 class </p>

<p id="greeting"> Welcome </p>

</body>

☐ document.querySelectorAll("p")

☒ document.querySelector("#greeting")

☒ document.querySelectorAll("p")[1]

☒ document.getElementById("greeting")

☐ document.getElementById("#greeting")

☐ Possible Answer `document.getElementById("#message")`

Quiz Score: **16** out of 16