

Exercise 40

QUIZ TIME

1. If `myArray` has 40 elements in it, how often will `logger` be called?

```
let logger = (element) => {  
  console.log(element)  
}  
  
myArray.forEach(logger)
```

- a. 1 time
- b. 39 times
- c. 40 times
- d. Never: the code generates an error

2. Is it possible to have an array whose elements are objects?

- a. Yes
- b. No

3. Is it possible to have an array whose elements are arrays?

- a. Yes
- b. No

4. If you want to capture all elements with a `class` of `product`, which of these would do it?

- a. `document.getElement[class='product']`
- b. `document.querySelector('.product')`
- c. `document.forEach('.query')`
- d. `document.querySelectorAll('.product')`

5. In an HTML document with multiple elements sharing a `class` of `product`, which selector will return only those `<div>` elements with a `class` of `product`?

- a. `.product {}`
- b. `div.product {}`
- c. `div[class='product']`
- d. `.product[type='div']`

6. `p: hover` is an example of...

- a. descendant selector
- b. grandparent selector
- c. programmatic selector
- d. pseudo-class selector

7. Which snippet will convert a nodelist, `breeds`, into an array?

- a. `Array.prototype.slice.call(breeds)`
- b. `breeds.toArray()`
- c. `[...breeds]`
- d. `Nodelist(breeds).toArray()`

8. Is this valid JavaScript?

```
let obj = {  
  name: 'Hal',  
  languages: ['JavaScript', 'Ruby', 'Java', 'SQL', 'Smalltalk', 'ColdFusion'],  
  residence: {  
    city: 'Las Vegas',  
    state: 'Nevada'  
  }  
}
```

- a. Yes
- b. No

9. Could I attach an event listener to `<div id="grandparent">` if I want to listen to click events on all `<p class="grandchild">` elements?

```
<div id="grandparent">
  <div id="parent">
    <p class="grandchild">Anne</p>
    <p class="grandchild">Benjamin</p>
    <p class="grandchild">Carlito</p>
  </div>
</div>
```

- a. Yes
- b. No

10. Arrays begin numbering elements from:

- a. 0
- b. 1

11. An object can have keys that point to objects *or* arrays, but not both.

- a. True
- b. False

12. `addEventListener` takes how many arguments?

- a. 0
- b. 1
- c. 2
- d. 3

13. You can create your own HTML tags if the standard set doesn't suit you.

- a. True
- b. False

ANSWERS

1. **c. 40 times**
2. **a. Yes**
3. **a. Yes**
4. **d. `document.querySelectorAll('.product')`**
5. **b. `div.product {}`**
6. **d. pseudo-class selector**
7. **a. `Array.prototype.slice.call(breeds)`**
8. **a. Yes**
9. **a. Yes**
10. **a. 0**
11. **b. False**
12. **c. 2** — those are the *event type* (such as 'click') and the function to be run for each element
13. **b. False**