

# Exercise 20

## A QUIZ

Here are some questions to help you see that you are, in fact, learning things. Will you get them all — or even most — right? Arguably, if that were the case, you wouldn't need this preschool at all. Any amount you get right is an indication that you're brain is doing its job and that you're learning.

1. JavaScript variable names are case-sensitive
  - a. True
  - b. False
2. HTML tags are case-sensitive
  - a. True
  - b. False
3. CSS selectors are case-sensitive
  - a. True
  - b. False
4. **onclick** is an example of...
  - a. an algorithm
  - b. an object
  - c. an event handler
  - d. a link
5. Which provides the *structure* of a web page?
  - a. HTML
  - b. CSS
  - c. JavaScript

6. A function can accept values passed into it called...

- a. algorithms
- b. arguments
- c. data types
- d. arrays

7. Which of these is a valid variable assignment?

- a. `set firstName: "Alicia"`
- b. `if (firstName === "Alicia"){}`
- c. `// firstName: "Alicia"`
- d. `let firstName = "Alicia"`

8. `{`

```
  name: "Oriental Poppy",  
  colors: ["red", "orange"]
```

`}`

is an example of...

- a. an object
- b. a multi-variable
- c. an event handler
- d. a CSS rule

9. `<main>`

```
  <div>
```

```
    <div class="product">
```

```
      <p class="description">
```

```
        </p>
```

```
      </div>
```

```
    </div>
```

```
</main>
```

is valid HTML.

- a. True
- b. False

**ANSWERS**

1. True. JavaScript variable names *are* case-sensitive. `firstName` is *not* the same variable as `firstname`.
2. False. HTML tags are *not* case-sensitive. `<main>` and `<Main>` define the same HTML element.
3. True. CSS selectors *are* case-sensitive. `.QUOTE{color: red}` will not match `<div class="quote"></div>`
4. `onclick` is an example of an *event handler*.
5. *HTML* provides the structure of a web page. CSS provides the styling and JavaScript provides the behavior.

6. Values passed into a function are called *arguments*.

```
let myFunction = (argument1, argument2) => { // function body }
```

- 7.

`let firstName = "Alicia"` is a valid variable assignment.

- 8.

```
{
  name: "Oriental Poppy",
  colors: ["red", "orange"]
}
```

is an example of *an object*. (That was a particularly tough one.)

9. That *is* an example of valid HTML.