


The Kinsa Web Engineer Quiz

Total points 10/16 

This quiz will test your working knowledge of CSS and JS, and give you an idea of the kind of skill level we're looking for.

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Please answer without resorting to internet searches.



Part 1: CSS



```
1  <style>
2  h1 {
3    margin-bottom: 30px;
4  }
5
6  h2 {
7    margin-top: 20px;
8  }
9  </style>
10
11 <h1>Title</h1>
12 <h2>Subtitle</h2>
```

✓ When these elements are rendered, what will be the margin between them? *

1/1

- ☐ 50px
- ☒ 30px
- ☐ 20px



```
1  <ul>
2    <li>Not me.</li>
3    <li>Not me.</li>
4    <li>Target only me.</li>
5  </ul>
```



✓ Which selector will target only the last list item? *

1/1

- ☒ `ul li:last-child`
- ☐ `ul:last-child li`
- ☐ `ul:last-child(li)`



```
1  <style>
2  #red {
3      background-color: red;
4  }
5
6  .blue {
7      background-color: blue;
8  }
9  </style>
10
11 <div id="red" class="blue"></div>
```

✓ What will be the final background-color of this div? *

1/1

- ☒ Red
- ☐ Blue
- ☐ Purple



For the above question, why would it be that color? *

because id is more specific than class, so the style on id would over-write the style on class

```
1  /* A */
2  .container {
3      text-align: center;
4      vertical-align: middle;
5  }
6
7  /* B */
8  .container {
9      display: flex;
10     align-items: center;
11     justify-content: center;
12 }
13
14 /* C */
15 .container > * {
16     margin: auto auto;
17 }
```

✓ How can we center everything inside .container both vertically and horizontally? * 1/1

☐ A

☒ B

☐ C



```
1  <style>
2  body {
3    font-size: 20px;
4  }
5
6  h1 {
7    font-size: 1.5em;
8  }
9  </style>
10
11 <h1>Title</h1>
```

✓ What will be the font size of the h1 element in pixels? *

1/1

- ☐ 1.5px
- ☐ 20px
- ☒ 30px



For the above, why? *

default px is 20px, so 1.5em = 1.5 * 20px = 30px



```
1  <p>Not This</p>
2
3  <span>Not This</span>
4
5  <div>Not This</div>
6
7  <span>TARGET THIS</span>
8
9  <span>Not This</span>
```

✓ Which combination of selectors will target only the uppercased element? * 1/1

- ☐ div > span
- ☒ div + span
- ☐ div ~ span



Part 2: JS



✗ How do you set a default value for a function parameter in ES5? * 0/1

- ☒ function (a, b ='value') { }
- ☐ function (a, b) { if (typeof b === 'undefined') b = 'value' }
- ☐ function (a, b) {if (!b) b = 'value'}

✗

Correct answer

- ☒ function (a, b) { if (typeof b === 'undefined') b = 'value' }

✓ Which is faster '==' or '===' and why? *

1/1

- ☒ ===, because == does type conversion
- ☐ ===, because === does type conversion
- ☐ ==, because == does type conversion
- ☐ ==, because === does type conversion

✓

```
1  function test() {  
2      console.log(x);  
3  }  
4  test();  
5  var x = 5;
```



✓ What will the above code log to the console: *

1/1

- ☐ x
- ☐ 5
- ☒ Undefined
- ☐ Throw error that x is not defined



Untitled Section

✗ What is the optimal approach to calculate the sum of all numbers in an array. e.g. `var x = [1,5,17,12]`. *

- ☐ use `forEach` and create a new variable that will hold the sum of all elements
- ☐ use `map()` to sum up all numbers
- ☒ use for loop and iterate over all elements to sum them up
- ☐ use `reduce()` to sum up all numbers



Correct answer

- ☒ use `reduce()` to sum up all numbers



✓ What does the 3XX http error code class mean? *

1/1

- ☐ client generated errors
- ☐ server generated errors
- ☒ client must take additional action to complete the request
- ☐ server must take additional action to complete the request

✓

✗ What is the correct http code to return for a successful POST operation? *

0/1

- ☒ 200
- ☐ 201
- ☐ 204
- ☐ None of the above

✗

Correct answer

- ☒ 201



✗ How can you expire a local storage entry? *

0/1

- ☐ You delete the entry manually
- ☒ You set an expiration time
- ☐ Will expire automatically when you close the browser

✗

Correct answer

- ☒ You delete the entry manually

✓ In Express, how do you call the next middleware function? *

1/1

- ☒ you call the "next()" function
- ☐ You return true
- ☐ it will get called automatically

✓

✗ What verb do you use in a REST-full API to update part of a resource? *

0/1

- ☐ POST
- ☒ PUT
- ☐ PATCH

✗

Correct answer

- ☒ PATCH



✗ How do you execute something no matter what a promise function does? *

0/1

☐ .catch(...)

☐ .finally(...)

☒ .then(...)

✗

Correct answer

☒ .finally(...)

✓ How do you execute something when all your promises have completed successfully? *

☒ .all(...)

☐ .race(...)

☐ .then(...)

✓

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