

# Week 7 Quiz

## 10 Questions

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1. Which request would search the Twitter API for recent mentions of ice cream?

- 10/120 **A** HTTP GET `https://api.twitter.com/1.1/search/tweets.json?q=ice cream`
- 8/120 **B** HTTP GET `https://api.twitter.com/1.1/search/tweets.json?q=icecream`
- 93/120 **C** HTTP GET `https://api.twitter.com/1.1/search/tweets.json?q=ice%20cream`
- 6/120 **D** HTTP POST `https://api.twitter.com/1.1/search/tweets.json?q=ice%20cream`
- 3/120 **E** HTTP POST `https://api.twitter.com/1.1/search/tweets.json?q=ice cream`

2. Which of the following best describes the difference between GET and POST?

- 7/118 **A** GET returns a set of methods that can be performed on the resource, POST updates a portion of the resource's state.
- 13/118 **B** GET returns a set of methods that can be performed on the resource, POST updates an existing resource to a new state.
- 49/118 **C** GET returns a representation of the current resource state, POST updates an existing resource to a new state.
- 49/118 **D** GET returns a representation of the current resource state, POST adds a new resource.

3. If an HTTP request has a response with a status code of 200, what does it mean?

- 99/120 **A** The request was successful.
- 9/120 **B** The request was successful, but the resource is not authorized to be returned.
- 5/120 **C** The request was unsuccessful because the resource does not exist.
- 7/120 **D** The request was unsuccessful because the server was unable to respond.

4. Which can make an HTTP request to the Spotify API?

- 1 A browser open to `spotify.com`
- 2 A browser with client-side JavaScript at `localhost:8888`
- 3 A browser with server-side JavaScript at `localhost:8888`
- 4 A server running in the Spotify domain

- 3/120 **A** 4
- 7/120 **B** 1,4
- 33/120 **C** 1,2,4
- 43/120 **D** 1,3,4
- 34/120 **E** 1,2,3,4

5. XML and JSON represent the same data.

70/120 **T** True

50/120 **F** False

6. AJAX requests and Fetch requests both use the browser object XMLHttpRequest

84/120 **T** True

36/120 **F** False

7. Which of the following accurately describes the code snippets pictured here?

8/122 **A** Snippet A is client-side JavaScript, Snippet B is server-side JavaScript

92/122 **B** Snippet A is server-side JavaScript, Snippet B is client-side JavaScript

14/122 **C** Snippet A and B are running server-side

8/122 **D** Snippet A and B are running client-side

```
// SNIPPET A
var http = require('http');
var server = http.createServer(function(req, res) {
  res.writeHead(200);
  res.end('Hello World');
});
server.listen(8080);
console.log('Hello, console');

// SNIPPET B
<html>
<head>
  <script>
    console.log('Hello, console');
  </script>
</head>
<body>
  Hello, world
</body>
</html>
```

8. In the code snippet pictured here, which of the following will represent the expected output to the console?

11/123 **A** > Hello 1  
> Hello 2

1/123 **B** > Hello 1

14/123 **C** > Hello 1  
> Hello 2  
> Hello 1

77/123 **D** > Hello 2  
> Hello 1

20/123 **E** > Hello 2  
> Hello 1  
> Hello 2

```
var hello = new Promise((resolve, reject) => {
  setTimeout(() => {
    resolve("Hello 1!");
  }, 5000);
});

console.log("Hello 2!");

hello.then((text) => {
  console.log(text);
});
```

9. Briefly describe what the value of 'resp' will be after the following code snippet is called.

```
var resp = fetch("https://inf133-fa20.markbaldw.in")
```

fetch returns a promise, so resp will be promise object.

10. True or False?

120/126 **T** True

6/126 **F** False

