

# Evaluation quiz correction

**Evaluation Quiz:** Evaluation #7

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**Date:** 2022-11-03

**Status:** Done

**Duration:** 8 minutes

**Score:** 36.11%

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**# "I don't know":** 1

**# Success:** 6

**# Fail:** 11

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## Responses

0. What is the time complexity (worst case) of a binary search in an array of size  $n$ ?

**Score:** 0.0

- ☐  $O(\log(n))$
- ☐  $O(1)$
- ☐  $O(n!)$
- ☒  $O(n^2)$
- ☐ I don't know

1. What is the name of the HTTP request header that defines the size (in bytes) of the message body?

**Score:** 1.0

- ☒ **Content-Length**

- ☐ Length
- ☐ Content-Size
- ☐ Size
- ☐ I don't know

2. What is the first digit of status codes that indicate a server error?

Score: 1.0

- ☐ 1XX
- ☐ 2XX
- ☐ 3XX
- ☐ 4XX
- ☒ 5XX
- ☐ I don't know

3. What is the `curl` option that defines the HTTP method used?

Score: 1.0

- ☐ -d
- ☒ -X
- ☐ -s
- ☐ -M
- ☐ I don't know

4. What is a web framework?

Score: 1.0

- ☒ A software framework that is designed to support the development of web applications
- ☐ A software, or hardware dedicated to running web applications
- ☐ A program that handles all application operations

- ☐ I don't know

5. When you are typing `https://intranet.hbtn.io` in your browser, which HTTP verb is used?

Score: 1.0

- ☐ POST
- ☐ DELETE
- ☒ GET
- ☐ POST
- ☐ I don't know

6. In the following URL, what's the sub domain?

Score: 0.0

- ☒ .com
- ☐ api.google
- ☐ api
- ☐ https
- ☐ I don't know

7. What is in-order traversal?

Score: 0.0

- ☐ the left subtree is visited first, then the root and later the right sub-tree
- ☒ the root node is visited first, then the left subtree and finally the right subtree
- ☐ left subtree is visited first, then the right subtree and finally the root node
- ☐ I don't know

8. What request methods does this line of code below allow?

Score: 0.0

- ☐ GET
- ☒ PUT
- ☐ POST
- ☐ I don't know

9. What is the output of the following piece of code?

Score: 0.0

- ☐ 0101010101
- ☐ 0123456789
- ☒ 1010101010
- ☐ I don't know

10. What does this code print?

Score: 0.0

- ☐ 4321
- ☐ 43210
- ☐ 321
- ☒ 3210
- ☐ I don't know

11. `0x13`<< 1 = ?

Score: 0.5

- ☐ 0x13
- ☐ 0x12
- ☐ 0x26
- ☐ 0x4C
- ☒ I don't know

12. What's the status code number for a permanent redirection (moved permanently)?

Score: 1.0

- ☐ 201
- ☐ 300
- ☒ **301**
- ☐ 302
- ☐ 304
- ☐ I don't know

13. What are the characteristics of a REST-ful API?

Score: 0.0

- ☐ **Uniform Interface**
- ☒ **Cacheable**
- ☐ **Client-Server**
- ☒ **Layered System**
- ☐ **Stateless**
- ☐ Extendable
- ☐ I don't know

14. What does CORS stand for?

Score: 0.0

- ☐ **Cross-Origin Resource Sharing**
- ☐ Cross-Origin Route Sharing
- ☐ Cross-Operator Resource Sharing
- ☒ **Create-Object Resource Sharing**
- ☐ I don't know

15. Which symbol should I use to redirect the error output to the standard output?

Score: 0.0

- ☐ **2>&1**
- ☒ **1>&2**
- ☐ 2>
- ☐ I don't know

16. What is the space complexity of this function / algorithm?

Score: 0.0

- ☐ **O(nm)**
- ☒ **O(n^2)**
- ☐ O(log(n))
- ☐ O(1)
- ☐ I don't know

17. What do these lines print?

Score: 0.0

- ☐ name
- ☐ None
- ☒ **'John'**
- ☐ **'no name'**
- ☐ I don't know