Over the course of the past week, this class has covered many fundamental coding concepts focusing on HTML, CSS, and JavaScript. We have moved swiftly and do not expect you to have every single concept discussed completely down - this takes more practice than a week can afford. With that said, this Knowledge Check is designed to challenge you on how much you have actually absorbed. This will impact our future instruction as well as provide valuable and direct feedback to you.

This Knowledge Check contains a variety of problems ranging from multiple choice to short answer to fixing the code. You have an hour to complete it. Good luck!

## Multiple Choice

**Instructions:** Circle the best option.

1. What does HTML stand for?

|  |  |
| --- | --- |
| a) Hyper Test Master Language | b) Hyper Text Markup Language |
| c) Hidden Text Markup Layer | d) None of the above |

2. What is the DOM?

|  |  |
| --- | --- |
| a) Dominant Object Map | b) Distinct Objective Model |
| c) Document Object Model | d) All of the above |

3. What does CSS mean?

|  |  |
| --- | --- |
| a) Cascading Style Sheets | b) Cascading Super Styles |
| c) Coding Selective Sheets | d) Cascade Style Selectives |

4. What is this operator: %?

|  |  |
| --- | --- |
| a) Percentage | b) Remainder |
| c) Modulus | d) Both b and c |

## Short Answer

**Instructions:** Give us your best possible answer**.**

5. What is JavaScript?

6. What is Bootstrap?

7. What is jQuery?

8. What is the difference between = and == ?

\*\*\* Bonus: What is the difference between == and === ?

9. Name as many Data Types as possible (aim for at least three).

10. What does ++ and -- mean?

## Fix the Code

**Instructions:** Correct the syntax by rewriting the line properly below the problem.

11. console log ‘Hello World”

12. var bool == TRUE;

13. fnction hello { console.log(“Hello”);

14. var myArray = { ‘a’, ‘b’ ‘c ’};

## 

## Coding Challenges

**Instructions:** Give us the most complete code you can. At least make an attempt!

15. Create variables to store your name, age, and if you’re married or not.

16. Given that someVariable has been declared, what is someVariable \*= 5 equivalent to? (Write it another way.)

17. Create an array to hold 4 of your favorite foods.

18. Write a for loop that prints the numbers from 0 to 20 counting by 2’s.

19. Write a while loop to count from 15 to 1 and output the numbers.

20. Write a function that logs out “Hello World”.

21. Write a function that takes in two numbers and returns the smallest of the two.

22. What is the output of the following code?

var today = “great”;

switch(today) {

case ‘bad’:

console.log(“Today is not our day…”);

break;

case ‘okay’:

console.log(“Today is alright, could be better”);

break;

case ‘great’:

console.log(“Today is going to be a great day! :)”);

break;

}

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