

TW-006 TEAM LEAD VERSION (Sprint-4 Week-1)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

Teamwork Schedule

Ice-breaking

5m

- Personal Questions (Study Environment, Kids etc.)
- Any challenges (Classes, Coding, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

Team work

5m

- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

Ask Questions

15m

1. Which of the following class styles a table as a nice basic table with just some light padding and horizontal dividers?

- A. .table
- B. .table-striped
- C. .table-bordered
- D. .table-hover

Answer: A

2. Which of the following class is used to create a button as a link in bootstrap?

- A. .btn-hyperlink
- B. .btn-link
- C. .btn-anchor
- D. None of these

Answer: B

3. Which Class Indicates A Dropdown Menu?

- A. .dropdown
- B. .select
- C. .dropdown-list
- D. .dropup-list

Answer: A

4. How do you find the minimum of x and y using JavaScript?

- A. min(x,y)
- B. Math.min(x,y)
- C. Math.min(xy)
- D. min(xy)

Answer: B

5. Consider the following arrays. What gets logged in various sorting conditions?

```
const arr1 = ['a', 'b', 'c'];
const arr2 = ['b', 'c', 'a'];

console.log(
  arr1.sort() === arr1,
  arr2.sort() == arr2,
  arr1.sort() === arr2.sort()
);
```

- A. true, false, false
- B. true, true, true
- C. true, true, false
- D. false, false, false

Answer: C

6. Let's display some notifications to our user! What gets logged in the following snippet?

```
const notifications = 1;

console.log(
  `You have ${notifications} notification${notifications > 1 ? 's' : ''}`
);
```

- A. You have 1 notifications
- B. You have 1 notificationfalse
- C. You have 1 notification
- D. None of them above

Answer: C

7. Which statement references the DOM node created by the code shown?

```
<p class="pull">lorem ipsum</p>
```

- A. document.querySelector('class.pull')
- B. document.querySelector('.pull');
- C. document.querySelector('pull')
- D. document.querySelector('#pull')

Answer: B

8. What is the output that is printed when the div containing the text "Click Here" is clicked?

```
<div id="A">
  <div id="B">
    <div id="C">Click Here</div>
  </div>
</div>
```

```
//JavaScript
document.querySelectorAll('div').forEach((e) => {
  e.onclick = (e) => console.log(e.currentTarget.id);
});
```

- A. A
- B. C
- C. CBA
- D. ABC

Answer: C

9. Which statement can be used to select the element from the DOM containing the text "Clarusway Way to Reinvent Yourself" from this markup?

```
<h1 class="content">Clarusway</h1>
<div class="content">
  <span class="content">Clarusway Way to Reinvent Yourself</span>
</div>
```

- A. document.querySelector("div.content")
- B. document.querySelector("span.content")
- C. document.querySelector(".content")
- D. document.querySelector("div.span")

Answer: B

10. Which property references the DOM object that dispatched an event?

- A. self
- B. object
- C. target
- D. source

Answer: C

11. Which event is fired on a text field within a form when a user tabs to it, or clicks or touches it?

- A. focus
- B. blur
- C. hover
- D. enter

Answer: A

12. To get the first item from the array ("cooking") using array destructuring, how do you adjust this line?

```
const topics = ["cooking", "art", "history"]
```

- A. const first = ["cooking", "art", "history"]
- B. const [] = ["cooking", "art", "history"]
- C. const [, first] = ["cooking", "art", "history"]
- D. const [first] = ["cooking", "art", "history"]

Answer: D

13. What should the console read when the following code is run?

```
const [, , daltones] = ["Joe", "Jack", "William", "Averell"]  
console.log(daltones)
```

- A. Averell
- B. William
- C. Jack
- D. undefined

Answer: B

14. How do you remove the property name from this object?

```
const instructors = {  
  name: 'Noah',  
};
```

- A. delete name from instructors;
- B. del instructors.name;
- C. delete instructors.name;
- D. remove instructors.name;

Answer: C

15. What is the output of the following code snippet?

```
const numbers = [1, 2, 3, 4, 5]  
const [x, y, ...restof] = numbers  
console.log(restof);
```

- A. 3,4,5
- B. [1,2]
- C. 1,2
- D. [3,4,5]

Answer: D

Interview Questions

15m

1. What Does It Mean to “Destructure” a Data Structure?

Answer: “The destructuring assignment syntax is a JavaScript expression that makes it possible to unpack values from arrays, or properties from objects, into distinct variables.” — MDN

2. What is Object Destructuring in JavaScript and How to use it?

Answer: Object destructuring allows you to extract the value of the object's property and assign them to a variable.

In object destructuring, the righthand side of the equals sign is an object. On the left-hand side, you specify variables using object literals notation.

```
let {property1: variable1, property2: variable2, ..., propertyn: variablen} =  
    object
```

3. What is the difference between an alert box and a confirmation box?

Answer: An alert box displays only one button which is the OK button.

But a Confirmation box displays two buttons namely OK and cancel.

4. What is the difference between attributes and property?

Answer : JS DOM objects have properties that are like instance variables for particular elements. A property can be of various data types. Properties are accessible by interacting with the object in JS or using jQuery's prop() method.

Rather than in the DOM, attributes are in the HTML. They are similar to properties but not as capable. It's recommended to work with properties rather than attributes if the former is available. Unlike a property, an attribute is of the string data type.

Coding Challenge

20m

- [Vowels in a string \(JS-05\)](#)
- [Draw Diamond \(JS-06\)](#)



Coffee Break

10m



Video of the Week

10m

- [Understanding Asynchronous JavaScript](#)

Retro Meeting on a personal and team level

5m

Ask the questions below:

- What went well?
- What went wrong?
- What is the improvement areas?

Case study/Project

15m

Project -1 [Checkout Page - JS-01](#)

> **Office Hour** : 20 September 2022 - In-class > **Solution** : 21 September 2022 - In-class

Project -2 [To-Do App - JS-02](#)

> **Office Hour** : 17 September 2022 - In-class > **Solution** : 19 September 2022 - In-class

Closing

5m

-Next week's plan

-QA Session
