

TW-10 TEAM LEAD VERSION (Sprint-6 Week-1)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

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

Teamwork Schedule

Ice-breaking

10m

- 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.

Ask Questions

15m

1. Which class indicates red colored border in bootstrap?

- A. border warning
- B. border border-danger
- C. border border-warning
- D. border-danger

Answer: B

2. Which class indicates lowercased text in bootstrap?

- A. lowercase
- B. text-lowercased
- C. text-lowercase
- D. txt-lowercased

Answer: C

3. Which class adds zebra-stripes to a table?

- A. .table-zebra
- B. .table-bordered
- C. .table-striped
- D. .even and .odd

Answer: C

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. C B A
- D. A B C

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

16. Which of the following class in Bootstrap is used to provide a responsive fixed width container?

- A. .container-fixed
- B. .container-fluid
- C. .container
- D. All of the above

Answer: C

17. How many columns are allowed in a bootstrap grid system?

- A. 2
- B. 6
- C. 4
- D. 12

Answer: D

18. Which of the following class in bootstrap is used to create a big box for calling extra attention?

- A. .box
- B. .container
- C. .container-fluid
- D. .jumbotron

Answer: D

19. Which of the following is correct method to add a success button?

- A. `<button class = "btn btn-success"> success </button>`
- B. `<button class = "btn button-success"> success </button>`
- C. `<button class = "button btn-success"> success </button>`
- D. `<button class = "button btn-primary"> success </button>`

Answer: A

20. Which of the following grid class in Bootstrap is used for desktops?

- A. xs
- B. sm
- C. lg
- D. md

Answer: D

Interview Questions

15m

1. 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
```

2. 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.

3. What are the advantages of Bootstrap?

The following are some advantages of Bootstrap:

- Bootstrap is simple to use and anyone with a basic understanding of HTML and CSS can get started.
- Features that adapt to phones, tablets, and desktops: Bootstrap's responsive CSS adapts to phones, tablets, and desktops.
- A mobile-first strategy: Mobile-first styles are built into the Bootstrap framework.
- Bootstrap 4 is compatible with all modern browsers, including Chrome, Firefox, Internet Explorer 10+, Edge, Safari, and Opera.

4. What is a Bootstrap Container, and how does it work?

A bootstrap container is a handy class that generates a central region on the page where we can put our site content. The bootstrap `.container` has the advantage of being responsive and containing all of our other HTML code. Containers are used to pad the content within them, and there are two types of containers:

- The `.container` class creates a fixed-width container that is responsive.
- The `.container-fluid` class creates a full-width container that spans the entire viewport width.

5. What do you know about the Bootstrap Grid System?

The Bootstrap Grid System is a mobile-first, responsive grid system that scales up to 12 columns as the device or viewport size grows. Predefined classes for quick layout options and powerful mix-ins for creating successful semantic layouts are included in the system.

Coding Challenge

15m

- [JS-CC- Roman Numarals](#)



Coffee Break

10m



Video of the Week

10m

- [Understanding Asynchronous JavaScript](#)

Case study/Project

15m

- [HC-08 Bootstrap Web Page](#)

Retro Meeting on a personal and team level

10m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

Closing

5m

-Next week's plan

-QA Session
