

TW-09 STUDENT VERSION



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 class indicates red colored border in bootstrap?

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

2. Which class indicates lowercased text in bootstrap?

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

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

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

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)

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

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

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')

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

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")

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

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

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

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"]

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

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;

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]

Interview Questions**15m****1. What Does It Mean to “Destructure” a Data Structure?**

JavaScript Object Destructuring is the syntax for extracting values from an object property and assigning them to a variable.

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

JavaScript Object Destructuring is an expression which allows us to access the data from objects like arrays, objects, maps and assign it to new variables. Through this object destructuring, we can create variables easily from the object's properties.

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

An alert box is used to alert the user. It has OK button. A confirmation box is used to provide choice to the user (OK or cancel)

4. What is the difference between attributes and property?

Attribute is a quality or object that we attribute to someone or something. For example, the scepter is an attribute of power and statehood. Property is a quality that exists without any attribution. For example, clay has adhesive qualities; i.e., a property of clay is its adhesive quality.

Coding Challenge**20m**

- [Roman Numerals \(JS-05\)](#)

**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

- [Checkout Page - JS-03](#)

Office Hour : 21 January 2023 - In-class

Solution : 23 January 2023- In-class

Closing

5m

-Next week's plan

-QA Session
