

# TW-08 GROUP VERSION (Sprint-5 Week-21)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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

# Teamwork Schedule

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## Ice-breaking

10m

- Personal Questions (Stay at home & Corona, 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. In the code below, what is the purpose of the *id* attribute?

```
<p id="warning">Be careful when installing this product.</p>
```

- A. It establishes that *id* is a unique identifier in the document, used for styling CSS, scripting, and linking within a webpage.
- B. It establishes that *id* is a unique identifier in the document, used for styling CSS and with Javascript code.
- C. It establishes that *id* may be used for styling CSS several times per page.
- D. It establishes that *id* is a unique identifier in the website, used for styling CSS, scripting, and linking within a webpage.

### 2. What do media queries allow us to do?

- A. Stream video on our site.
- B. Use different CSS based on screen size.
- C. Do responsive design.
- D. Changes all document sizes and feature.

### 3. What is the difference between `<input type="submit" value="click me">` and `<button type="submit">Click me</button>`?

- A. There is no difference. Both will render a button that submits a form.
- B. Both will submit a form. However, the `<button>` can have content other than text, like an image or nested HTML elements, while the `<input>` cannot.
- C. `<input type="button">` has been deprecated in HTML5. You should use the `<button>` tag instead.
- D. Both will submit a form. However, the `<input>` can have content other than text, like an image or nested HTML elements, while the `<button>` cannot.

4. Which of the following operators can be used to do a short-circuit evaluation?

- A. ++
- B. --
- C. -+
- D. ||

5. What does the following expression evaluate to?

```
"Hello" == "World";
```

- A. True
- B. False
- C. undefined
- D. "HelloWorld"

6. An ..... is a JavaScript function that runs as soon as it is defined.

- A. Generator function
- B. Arrow function
- C. Regular Function
- D. Immediately Invoked Function Expression

7. What type of scope does the end variable have in the code shown?

```
var start = 1;  
if (start === 1) {  
  let end = 2;  
}
```

- A. conditional
- B. block
- C. global
- D. function

**8. What is the output of below code blog?**

```
const sum = function localSum(a, b) {  
  return a + b;  
};  
console.log(typeof localSum);
```

- A. undefined
- B. function
- C. function (expression)
- D. object

**9. How can we extract 'Full Stack' from the string str = 'I am a Full Stack Developer';?**

- A. str.slice(7)
- B. str.substring(17,7)
- C. str.slice(17,7)
- D. str.trim()

**10. What is error in the code below?**

```
const str = "I'm a \n string";
```

- A. Single-quote strings can't span multiple lines.
- B. There is no error.
- C. You can not use same quote in a string.
- D. You can not use " in a string.

**11. What is the best description of the problem in the code below?**

```
const str = "clarusway";  
str[0] = "C";
```

- A. Once a string is created it can't be changed in place, since strings are mutable in JavaScript.
- B. Once a string is created it can't be changed in place, since strings are immutable in JavaScript.
- C. Changing characters of a string can only be done using the setCharAt() method.
- D. Single-quote strings can't modified.

**12. What will the following JavaScript code snippet output?**

```
const sentence = "The quick brown fox jumps over the lazy dog.";
const words = sentence.split(" ");
console.log(words.length);
```

- A. 8
- B. 9**
- C. 10
- D. 11

**13. What does the following JavaScript code snippet do?**

```
const str = "JavaScript is fun!";
const reversed = str.split("").reverse().join("");
```

- A. Reverses the order of words in the string.
- B. Reverses the order of characters in the string.**
- C. Capitalizes the first letter of each word.
- D. Converts the string to lowercase.

**14. Which of the following methods in JavaScript can be used to find the position of a substring within a string?**

- A. substringIndex()
- B. indexOf()**
- C. search()
- D. positionOf()

**15. Given the following JavaScript code, what is the value of result?**

```
let str = "OpenAI is amazing!";
let result = str.substring(0, 6) + str.slice(-8, -1);
```

- A. "Open amazi"
- B. "Open is am"
- C. "Open is ama"
- D. "Open amaz"

**16. Which of the following is most suitable for a grid layout?**

- A. toolbar
  - B. menu
  - C. form
  - D. complex layout, like a newspaper
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## Interview Questions

15m

**1. How do you access individual characters in a JavaScript string?**

**2. What are the methods available for manipulating strings in JavaScript?**

**3. What is a callback function in JavaScript?**

**4. What are CSS variables and how are they used?**

**5. What are media queries in CSS and how are they used?**

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## Coding Challenge

15m

- [JS-CC-04 Count Digits](#)
  - [JS-CC-05 Reverse Words](#)
  - [JS-CC-06 Merge Arrays](#)
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## Coffee Break

10m



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**Video of the Week**

**10m**

- [Front-End, Back-End, and Full Stack Web Development](#)

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**Case study/Project**

**15m**

- [HC-05 : Portfolio Page-2](#)

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**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?

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**Closing**

**5m**

-Next week's plan

-QA Session

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