

# TW-09 GROUP VERSION

---



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 (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?**

```
[] == [];
```

- A. True
- B. undefined
- C. False
- D. []

**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 is the output of this code block?**

```
let daltones = ["joe", "Jack", "Willam", "Averell"];
daltones.shift();
daltones.pop();
console.log(daltones);
```

- A. ['joe', 'Jack']
- B. []
- C. ['Jack', 'Willam']
- D. ['joe', 'Averell']

**13. What is the output of this code block?**

```
let daltones = ["joe", "Jack", "Willam", "Averell"];

for (let i = 0; i < daltones.length; i++) {
  if (i == 1) {
    continue;
  }
  console.log(daltones[i]);
}
```

- A. Jack
- B. joe, Jack
- C. joe, Jack, Willam
- D. joe, Willam, Averell

**14. The easiest way to add a new element to an array is using the `**_**` method**

- A. add()
- B. insert()
- C. push()
- D. set()

**15. What is the observation made in the following JavaScript code?**

```
const count = [1, , 3];
```

- A. The omitted value takes "undefined"
- B. This results in an error
- C. This results in an exception
- D. The omitted value takes an integer value

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

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

## Interview Questions

15m

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

**2. What are the methods available for manipulating arrays 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?**

## Coding Challenge

15m

- [JS-CC-02 Count Digits](#)
  - [JS-CC-03 Reverse Words](#)
  - [JS-CC-04 Merge Arrays](#)
- 
- 



## Coffee Break

10m



## Video of the Week

10m

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

## Case study/Project

15m

- [HC-06 Team Members 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
-