

# TW-06 STUDENT VERSION

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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 (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. When is the `<link>` tag used?

- A. When linking style sheets, JavaScript, and icons for mobile apps
- B. When linking style sheets, favicons, and preloading assets
- ☒ C. When linking style sheets and favicons
- D. When linking style sheets, external URLs, and favicons

### 2. The "value" attribute is associated with which set of tags?

- ☒ A. `<button><input><form>`
- B. `<li><input><option>`
- C. `<input><label><meter>`
- D. `<input><option><textarea>`

### 3. What is the difference between the `<div>` and `<span>` tags?

- ☒ A. `<div>` is used where a generic block-level tag is needed, while `<span>` is used where a generic inline tag is needed.
- B. `<div>` is used for major divisions on a page, while `<span>` is used to span across columns.
- C. `<div>` is the industry-standard default tag, but you could use `<span>` if you prefer.
- D. `<div>` is used where a generic inline tag is needed, while `<span>` is used where a generic block-level tag is needed.

**4. To use flexbox we define a container as a flexbox. What is the CSS to do this?**

- A. position:absolute;
- B. float:left;
- ☒ C. display:flex;
- D. display:block;

**5. flex-direction allows you to do what?**

- ☒ A. define the direction of how elements are positioned based on either row or column
- B. define how elements will wrap when the browser width is changed
- C. define how to position elements vertically
- D. defines how position elements horizontally;

**6. the css property "order" for flex items allows you to**

- A. specify at what time flex items appear
- ☒ B. specify in what order the flex items appear
- C. specify in what direction the flex items appear
- D. none of the above

The order property specifies the order of a flexible item relative to the rest of the flexible items inside the same container.

**7. flex-direction is applied to a flex element not the whole flex box**

- A. True
- ☒ B. False

**8. What will the value of y be in this code:**

```
const x = 6 % 2;  
const y = x ? "One" : "Two";
```

- ☒ A. Two
- B. One
- C. undefined
- D. TRUE

**9. Which statement is used to skip iteration of the loop?**

- A. break
- B. pass
- C. skip
- ☒ D. continue

**10. Which choice is valid example for an arrow function?**

- ☒ A. `{a,b} => c`
- B. `a, b => {return c;}`
- C. `a, b => c`
- D. `{ a, b } => c`

**11. Among the following given JavaScript snippets codes, which is more efficient:**

```
// Code A
for (let number = 10; number >= 1; number--) {
  console.log(number);
}

// Code B
let number = 10;
while (number >= 1) {
  console.log(number);
  number++;
}
```

- A. Code A
- ☒ B. Code B
- C. Same
- D. Can not compare

**12. In JavaScript, what is a block of statement?**

- A. Conditional block
- ☒ B. block that combines a number of statements into a single compound statement
- C. both conditional block and a single statement
- D. block that contains a single statement

**13. The "function" and "var" are known as:**

- ☒ A. Keywords
- B. Data types
- C. Declaration statements
- D. Prototypes

**14. In the following given syntax of the switch statement, the Expression is compared with the labels using which one of the following operators?**

```
switch(expression)
{
    statements
}
```

- A. ===
- ☒ B. ==
- C. equals
- D. !=

**15. Which of the following variables takes precedence over the others if the names are the same?**

- A. Global variable
- B. The local element
- C. The two of the above
- ☒ D. None of the above

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

```
var sum = function localSum(a, b) {
    return a + b;
}

console.log(typeof localSum);
```

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

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

- ☒ A. str.slice(8,18)
- B. str.slice(9,19)
- C. str.substring(9,18)
- D. str.substring('Full Stack')

**18. How to convert a string to lowercase characters?**

```
const str = 'CLARUSWAY';
```

- A. str.lower()
- B. str.toLowerCase()
- ☒ C. str.toLowerCase()
- D. toLowerCase(str)

**19. 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 '\n' in a string.

**20. 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 be modified.

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**Interview Questions****15m****1. Who developed JavaScript, and what was the first name of JavaScript?**

Brandon Eich developed javascript. It was originally named Mocha.

**2. List some of the disadvantages of JavaScript.**

Client-side Security, Browser Support, Rendering Stopped etc...

**3. Define anonymous function**

In computer programming, an anonymous function is a function definition that is not bound to an identifier.

**4. In JavaScript what is an argument object?**

The arguments object is a local variable available within all non-arrow functions.

## 5. Name the types of functions

Function Declaration, Function Expression, Arrow Function.

## 6. What is CSS Flexbox

Flexbox is a tool which is used to align items vertical or horizontal in css.

## 7. Have you used Flexbox & CSS Grid before? What are the differences between them?

The basic difference between CSS Grid Layout and CSS Flexbox Layout is that flexbox was designed for layout in one dimension - either a row or a column. Grid was designed for two-dimensional layout - rows, and columns at the same time.

### Coding Challenge

15m

- [JS-CC-01 Reverse String](#)
  - [JS-CC-02 Reverse Words](#)
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### Coffee Break

10m



### Video of the Week

10m

- [Hoisting](#)

### Case study/Project

15m

- [HC-04 Website Page Design](#)

### 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

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