

# TW-03 TEAM LEAD 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 (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. 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

Answer: C

### 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>`

Answer: B

### 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.

Answer: A

**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;

Answer: C

**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;

Answer: A

**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

Answer: B

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

- A. True
- B. False

Answer: B

**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

Answer: A

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

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

Answer: D

**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`

Answer: A

**11. Among the following given JavaScript snipped 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

Answer: A Code A will be more efficient. In fact, the code B may encounter a runtime error because the value of "number" is never going to be equal to or less than one.

**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

Answer: B

Explanation: A block of statement can be understood as the set of the zero or more statements. In general, a block of statement has common definition "which combines one or a number of statements into a single statement for ease."

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

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

Answer: C

**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. !==

Answer: A

**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

Answer: B

Explanation: In JavaScript, the local variable takes precedence over the global variable if the name of both local and global variables is the same.

## Interview Questions

**15m**

### 1. Who developed JavaScript, and what was the first name of JavaScript?

JavaScript was developed by Brendan Eich, who was a Netscape programmer. Brendan Eich developed this new scripting language in just ten days in the year September 1995. At the time of its launch, JavaScript was initially called Mocha. After that, it was called Live Script and later known as JavaScript.

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

Some of the disadvantages of JavaScript are:

- No support for multithreading
- No support for multiprocessing
- Reading and writing of files is not allowed
- No support for networking applications.

### 3. Define anonymous function

It is a function that has no name. These functions are declared dynamically at runtime using the function operator instead of the function declaration. The function operator is more flexible than a function declaration. It can be easily used in the place of an expression.

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

The variables of JavaScript represent the arguments that are passed to a function.

### 5. Name the types of functions

There are 3 ways of writing a function in JavaScript:

- Function Declaration
- Function Expression (By using anonymous functions)
- Arrow Function

### 6. What is CSS Flexbox

CSS3 Flexible boxes also known as CSS Flexbox is a new layout mode in CSS3.

The CSS3 flexbox is used to make the elements behave predictably when they are used with different screen sizes and different display devices. It provides a more efficient way to layout, align and distribute space among items in the container.

It is mainly used to make CSS3 capable to change its item's width and height to best fit all available spaces. It is preferred over the block model.

The CSS3 flexbox contains flex containers and flex items.

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

Recently we've seen the rise of Flexbox and even more recently, CSS Grid. While these aren't well supported in older browsers, support for them in newer browsers is continuously growing, and now is the time to look into them and see if you can start using them. Make sure you check browser support!

Flexbox is a very useful layout tool, especially for smaller areas within the site. Its main features are to align items in horizontal or vertical axes, space them out automatically, invert the order in which they're displayed, along with a few other layout options.

CSS Grid is more of a layout tool for the entire page. While Flexbox excels in laying out items along a single axis, Grid is better for layouts with both horizontal and vertical axes, i.e. grids!

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### Coding Challenge

15m

- [JS-CC-02 Reverse Words](#)
- [JS-CC-03 Reverse Strings](#)



### Coffee Break

10m



### Video of the Week

10m

- [Hoisting](#)

## Case study/Project

**15m**

- HC-05 Web Site Page Design -2
- extra Project(Optional)

## 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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