TW-06 STUDENT VERSION

TEAMWORK

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 (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 snipped codes, which is more efficient:

```javascript
// 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.toLower()
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 '\' 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 modified.

Interview Questions   15m

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

Brandan 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

Flexbos 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

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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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