TW-11 GROUP VERSION

Meeting Agenda

▶ Icebreaking

▶ Workshop Activities

   ▶ Questions

▶ Teamwork Activities

   ▶ Interview Questions

   ▶ Video of the week

   ▶ Case study / project

▶ Retro meeting

Workshop Activities   90m

Ask Questions   30m

1. How do you clone an object in JavaScript?

A. Use the Object.clone() method
B. Use the Object.assign() method or the spread operator (...)
C. Use the Object.copy() method
D. Use the Object.duplicate() method

2. What is object destructuring in JavaScript?

A. A way to create objects from strings
B. A way to concatenate objects
C. A way to merge objects
D. A way to extract properties from an object and assign them to variables

3. How do you swap the values of two variables without using a temporary variable using array destructuring?

A. const a = b; const b = a
B. const [a, b] = [a, b];
C. const [a, b] = [b, a];
D. const [b, a] = [a, b];

4. What happens if you try to destructure an array with more variables than there are elements in the array?

A. Extra variables are assigned undefined
B. An error is thrown
C. The array is automatically resized
D. Only the first few variables are assigned values

5. What does the rest element (...) do in array destructuring?

A. It spreads elements into multiple arrays
B. It gathers remaining elements into an array
C. It removes elements from the array
D. It reverses the order of elements in the array

6. What is JSON (JavaScript Object Notation)?

A. A lightweight data interchange format
B. A JavaScript method for creating objects
C. A way to define variables in JavaScript
D. A JavaScript library for animations

7. The DOM presents an HTML document as a _____ .

A. Hash table structure
B. Dynamic structure
C. Tree-structure
D. All of these

8. You can find the element you want to manipulate with _____ ?

A. getElementById()
B. getElementsByTagName()
C. getElementsByClassName()
D. All of these way

9. The Document object is part of the Which object ?

A. Tree
B. Window
C. System
D. Anchor

10. Which method do you use to attach one DOM node to another?

A. JattachNode()
B. getNode()
C. querySelector()
D. appendChild()

11. Suppose that 'cw' is an element node. Select the expression below which can be used to select the parent node of 'cw'.

A. cw.getParent()
B. cw.parentContainer
C. cw.parentElement
D. cw.nodes()

12. How to remove the 'p1' class from the following element?

```
<p class="p1">A simple paragraph</p>

const pElement =  document.getElementsByClassName("p1")
```

A. pElement.classList.remove("p1")

B. pElement.className = ""

C. pElement.removeAttribute('class')

D. All of the above

13. You've written the event listener shown below for a form button, but each time you click the button, the page reloads. Which statement would stop this from happening?

```
button.addEventListener(
  'click',
  function (e) {
    button.className = 'clicked';
  },
  false,
);
```

A. e.blockReload();

B. button.preventDefault();

C. button.blockReload();

D. e.preventDefault();

14. What is wrong with this code?

```
const obj = {
  greet() {
    console.log('Hello, world!');
  },
  name: 'Ryan',
  age: 27,
};
```

A. The function greet needs to be defined as a key/value pair.

B. Trailing commas are not allowed in JavaScript.

C. Functions cannot be declared as properties of objects

D. Nothing, there are no errors.

15. What is the primary purpose of the DOM in web development?

A. To define the structure of an HTML document

B. To style web pages with CSS

C. To interact with and manipulate HTML elements in a web page

D. To create server-side scripts

16. How many event listeners can you add to a single element?

A. Two

B. As many as you want

C. Only one

D. eventlisteners count < Dom elements count

17. Choose the right Javascript event

A. `onmouseout`

B. `anmouseout`

C. `inmouseout`

D. `enmouseout`

18. Which method is used to create a new HTML element in the DOM using JavaScript?

A. `newElement`

B. `createNode`

C. `createElement`

D. `addNode`

19. What does the innerHTML property do in JavaScript?

A. It retrieves the CSS styles of an element.

B. It gets or sets the HTML content of an element.

C. It returns the tag name of an element.

D. It checks if an element has a specific class.

20. What is event propagation in JavaScript?

A. A method for registering multiple events on the same element

B. The act of stopping an event from occurring

C. A way to measure the time between events

D. The process by which events bubble up from the target element to the document

21. What is the purpose of the `event.target` **property in JavaScript event handling?**

A. It returns the HTML element that triggered the event.
B. It returns the current time.
C. It returns the parent element of the target.
D. It returns the previous URL visited by the user.

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.

Interview Questions　　　　　　　　　　　　　　　　　　　　　　　30m

1. Explain the difference between the `querySelector` **and** `querySelectorAll` **methods for selecting elements in the DOM.**

2. What is the purpose of the `getAttribute` **and** `setAttribute` **methods in DOM manipulation?**

3. What is event bubbling, and how does it affect the order in which event handlers are executed?

4. What is the purpose of the `event.preventDefault()` **method, and when would you use it?**

☕

Coffee Break　　　　　　　　　　　　　　　　　　　　　　　　　　10m

☕

Video of the Week   10m

- DOM Events

Coding Challenge   40m

- 02 - Capital Letters

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?

Case study/Project   15m

- 01- To Do App

Closing   10m

- Next week's plan

- QA Session