TW-11 GROUP 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   5m

- 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.

Team work   5m

- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

Ask Questions   15m

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

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

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

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

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

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

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

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

5. 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()

6. 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

7. 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();

8. 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.

9. 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

10. 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

11. Choose the right Javascript event

A. `onmouseout`

B. `anmouseout`

C. `inmouseout`

D. `enmouseout`

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

A. `newElement`

B. `createNode`

C. `createElement`

D. `addNode`

13. 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.

14. 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

14. 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.

Interview Questions   15m

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?

Coding Challenge   20m

Students will complete Guess The Number project.

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Coffee Break   10m

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Video of the Week   5m

- DOM Events

Retro Meeting on a personal and team level   5m

Ask the questions below:

- What went well?
- What went wrong?
- What is the improvement areas?

Case study/Project   15m

- Project-02 : iOS Calculator (JS-02)
- Project-03 : To Do App (JS-03)

Closing   5m

- Next week's plan

- QA Session