TW-07 TEAM LEAD VERSION

Meeting Agenda

▶ Icebreaking

▶ Workshop Activities - Tuesday

▶ Teamwork Activities - Friday

    ▶ Questions

    ▶ Interview Questions

▶ Video of the week

▶ Retro meeting

▶ Case study / project

Teamwork Schedule

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.

Workshop Activities (Tuesday)   90m

1. Project

JavaScript To-Do App

Team Work Activities (Friday)   90m

Ask Questions   20m

1. How can you check if an element has a specific class in JavaScript?

A. element.hasClassName("myClass")
B. element.containsClass("myClass")
C. element.isClass("myClass")
D. element.classList.contains("myClass")

Answer: D

2. What is the purpose of the event.currentTarget property in JavaScript event handling?

A. It returns the event type.
B. It returns the current target element of the event.
C. It returns the event handler function.
D. It returns the event source element.

Answer: B

3. What method is used to create a new HTML element in JavaScript?

A. createElement()
B. createHTML()
C. newElement()
D. addElement()

Answer: A

4. How can you add a class "active" to an element with the id "myElement" in JavaScript?

A. document.getElementById("myElement").class = "active";
B. document.getElementById("myElement").addClass("active");
C. document.getElementById("myElement").classList.add("active");
D. document.getElementById("myElement").addClassName("active");

Answer: C

5. In the DOM, what does a NodeList represent?

A. A collection of elements with a specific tag name.
B. A collection of elements with a specific class name.
C. A collection of elements with a specific attribute.
D. A collection of elements selected by a CSS selector.

Answer: D

6. What is the purpose of the event.preventDefault() method?

A. To prevent an event from bubbling up the DOM tree.
B. To stop event propagation.
C. To cancel the default behavior of an event.
D. To trigger an event manually.

Answer: C

7. Which method can be used to remove an event listener in JavaScript?

A. deleteEventListener()
B. removeEventListener()
C. detachEventListener()
D. offEventListener()

Answer: B

8. How do you add an attribute "data-value" with the value "123" to an HTML element using JavaScript?

A. element.setAttribute("data-value", "123")
B. element.addAttribute("data-value", "123")
C. element.data-value = "123"
D. element.value("data-value", "123")

Answer: A

9. What is the purpose of the event.keyCode property in JavaScript event handling?

A. It returns the type of the event.
B. It returns the event's target element.
C. It returns the event's timestamp.
D. It returns the key code of the pressed key.

Answer: D

10. Which property is used to get the number of child nodes of an element in JavaScript?

A. .childCount
B. .childrenCount
C. .childElementCount
D. .childNodesCount

Answer: C

Interview Questions   15m

1. What's the difference between event.preventDefault() and event.stopPropagation() methods in JavaScript?

Answer: In JavaScript, the event.preventDefault() method is used to prevent the default behavior of an element.

For example: If you use it in a form element, it prevents it from submitting. If used in an anchor element, it prevents it from navigating. If used in a contextmenu, it prevents it from showing or displaying.

On the other hand, the event.stopPropagation() method is used to stop the propagation of an event or stop the event from occurring in the bubbling or capturing phase.

2.What are the features of JavaScript?

- Lightweight, interpreted programming language
- Cross-platform compatible
- Open-source

- Object-oriented
- Integration with other backend and frontend technologies
- Used especially for the development of network-based applications

3. What is the difference between Document and Window in JavaScript?

Document - The document comes under the windows object and can also be considered as its property.
Window - Window in JavaScript is a global object that holds the structure like variables, functions, location, history, etc.

4. What are some of the JavaScript frameworks and their uses?

JavaScript has a collection of many frameworks that aim towards fulfilling the different aspects of the web application development process. Some of the prominent frameworks are:

React - Frontend development of a web application Angular - Frontend development of a web application Node - Backend or server-side development of a web application

5. What is the difference between Session storage and Local storage?

Session storage - The data stored in session storage gets expired or deleted when a page session ends.
Local storage - Websites store some data in local machine to reduce loading time; this data does not get deleted at the end of a browsing session.

Coding Challenge   20m

- [Coding Challenge: Student Registration](#)

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Coffee Break   10m

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Video of the Week   5m

- MAP()

Retro Meeting on a personal and team level   5m

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

- Wallet App

Closing   5m

- Next week's plan

- QA Session