1.      Explain preventdefault() and its use case

preventDefault() is a method in JavaScript that is used to stop the default behavior of an event

2.      What is the difference between document load and DOMContentLoaded events

3.      What are the DOM methods available for constraint validation

checkValidity

setCustomValidity

reportValidity

setCustomError

setCustomValidity

4.      What are the available constraint validation DOM properties

validity

valid

valueMissing

typeMismatch

5.      What is event bubbling

 Event bubbling is a mechanism in JavaScript where an event triggered on a nested element is also propagated and handled by its parent elements in the DOM hierarchy.

6.      Explain event delegation

7.      What is a documentFragment

A DocumentFragment is a lightweight container in the Document Object Model (DOM) that allows you to group multiple DOM nodes together.

8.      How does documentFragment improve the DOM performance

9.      What is the difference between service workers and web workers

10.   How do you manipulate DOM using a service worker

11.   What do you know about BOM (Browser Object Model)?

12.   What is difference between window.frames, window.parent and window.top in JavaScript?

13.   What are the DOM methods available for constraint validation

14.   What are the properties used to get size of window?

15.   How do you modify the url without reloading the page?

16.   What is the purpose of void(0)?

17.   What is a Cookie

18.   How do you delete a cookie?

19.   What is the difference between WeakSet and WeakMap

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Interview questions

1.     What is the output

a.     console.log(0 == undefined)

b.     console.log(0 === undefined)

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LOOPS AND CONDITIONS

1.     What is the purpose of the break statement in JavaScript loops?

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NULLISH AND OPTIONALCHAINING

1.     What is the nullish coalescing operator (??) in JavaScript?

2.     How does the nullish coalescing operator differ from the logical OR (||) operator?

3.     How do you use the nullish coalescing operator to provide a default value for a variable?

4.     What is optional chaining (?.) in JavaScript?

5.     How does optional chaining help avoid errors when accessing nested properties or calling methods on potentially null or undefined values?

6.     How do you combine optional chaining with the nullish coalescing operator in JavaScript?

7.     What happens if the left-hand side of the optional chaining operator (?.) evaluates to null or undefined?

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·        What is the difference between document load and DOMContentLoaded events ?

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·        What is the use of preventDefault method ?

·        what is the difference between setTimeout and setInterval ?

·        what are the ways to execute javascript after page load ?

·        What are the different methods to find HTML elements in DOM

·        How do you redirect new page in javascript

·        What is the use of stopPropagation method

·        How do you get the current url with javascript

·        What is the difference between proto and prototype

·        How do you change the style of a HTML element using JavaScript

·        What is service worker ?

·        How do you manipulate DOM using a service worker ?

·        What are the DOM methods available for constraint validation ?

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3. What is the purpose of the DOM in web development?
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5. What are the different methods to create content dynamically with JavaScript?
6. How do you create a new HTML element using JavaScript?
7. How can you modify the attributes of an HTML element using JavaScript?
8. What is the difference between innerHTML and createElement methods for creating content with JavaScript?
9. How do you append a new element to an existing element in the DOM?
10. How can you remove an element from the DOM using JavaScript?
11. What is event handling in the context of DOM manipulation?
12. How do you bind an event handler to a specific element in the DOM?
13. What are some commonly used events in JavaScript for DOM manipulation?
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15. How can you modify the CSS styles of an HTML element using JavaScript?
16. What is the role of the parentNode property in the DOM?
17. How can you traverse the DOM tree using JavaScript?
18. How do you retrieve the value of a form input element using JavaScript?
19. What are some best practices for efficient DOM manipulation in JavaScript?
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