

Question1: What is the primary difference between an element and a node in the JavaScript DOM?

Ans: An element is a specific type of node that corresponds to an HTML tag, while a node represents any object in the DOM tree, including elements, text, and comments.

Question 2: What is the relationship between node type and node name in JavaScript DOM?

Ans: Node type represents the type of node (e.g., element, text, comment), while node name represents the specific HTML tag associated with an element node.

Question 3: <div id="parent">

<p>This is a paragraph</p>

This is a span

<!-- This is a comment -->

</div>

How can you programmatically determine the node type of the second child of the <div> element with the ID "parent" using JavaScript?

Ans: const parent = document.getElementById('parent');

const secondChild = parent.childNodes[1];

console.log(secondChild.nodeType);