



Answersheet

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No. of questions attempted: 6

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Assignment: For Loop in JavaScript

Total no. of questions: 6

Total marks: 10

Result: Not reviewed yet

Sl. No.	Question	Actions
1	<div>What is a "for" loop in JavaScript?1 mark</div> <div><div>1. A loop that iterates over the properties of an object</div><div>2. A loop that executes a block of code a specific number of times, often referred to as a counting loop</div><div>3. A loop that executes a block of code as long as a specified condition is true</div><div>4. A loop that terminates the program execution</div></div>	<div>Correct answer</div> <div>1 mark</div>
2	<div>How would you use a for loop to iterate over an array in JavaScript and perform an action on each element?5 marks</div> <div>In JavaScript, to iterate over an array using a for loop, you can follow these steps: 1. Start the for loop: Begin the loop with an initial index, usually 0. 2. Check the condition: The loop will run until the index is less than the length of the array. 3. Access each element: In each iteration, use the current index to access the element of the array. 4. Perform an action: You can</div>	<div>Marks</div> <div>0</div>



perform any action (like printing, modifying, or using the element in a calculation) on each element. Example: `// Sample array let fruits = ["Apple", "Banana", "Mango", "Orange"]; // Using a for loop to iterate over the array for (let i = 0; i < fruits.length; i++) { console.log(fruits[i]); // Prints each fruit in the array }`

3

How does a "for" loop in JavaScript work?

1 mark

Correct answer

1. It iterates over the properties of an object
2. It executes a block of code as long as a specified condition is true
3. It executes a block of code a specific number of times
4. It terminates the program execution

1 mark

4

What is the purpose of the initialization expression in a for loop?

1 mark

Correct answer

1. To specify the condition for terminating the loop
2. To increment the loop counter variable
3. To initialize the loop counter variable
4. To execute a block of code repeatedly

1 mark

5

What is the purpose of the condition expression in a for loop?

1 mark

Correct answer

1. To initialize the loop counter variable
2. To specify the condition for terminating the loop
3. To execute a block of code repeatedly
4. To increment the loop counter variable

1 mark



6

In a for loop, what does the update expression typically do?

1 mark

Correct answer

1. It initializes the loop counter variable
2. It specifies the condition for terminating the loop
3. It increments and decrements the loop counter variable
4. It keeps the loop counter variable constant

1 mark