

TOP JAVASCRIPT CODING INTERVIEW QUESTIONS



1. Remove duplicate elements from an Array

To remove duplicate elements from an array using JavaScript, you can use the following approach:

```
code.js

const array = [1, 4, 5, "Banana", 6, 1, 4, 4, 9, 3, "Banana"];

const uniqueElements = array.filter((element, index) => {
  return array.indexOf(element) === index
});

console.log(uniqueElements);

//Output: [1, 4, 5, "Banana", 6, 9, 3]
```



2. Write a Function to generate a Fibonacci series of a given length.

```
function fibonacci(length) {  
  // Initializing the array with the first two numbers of the series  
  const fibArray = [0, 1];  
  
  // Generating the rest of the series  
  for (let i = 2; i < length; i++) {  
    fibArray.push(fibArray[i-1] + fibArray[i-2]);  
  }  
  
  return fibArray;  
}  
  
const series = fibonacci(7);  
  
console.log(series); //Output: [0, 1, 1, 2, 3, 5, 8]
```



3. Reverse String using inbuilt methods and without methods

- Reversing string with methods

Converting string to array of characters

```
1 let string = "javascript";  
2  
3 let reversedString = string.split('').reverse().join('');  
4  
5 console.log(reversedString);  
6 //Output: tpircsavaaj
```

Reversing array elements

Getting array as a string



- Reversing string with methods

iterating over the string from the last character to the first character

```
1 let string = "javascript";
2
3 let reversedString = '';
4
5 for (let index = string.length - 1; index >= 0; index--) {
6   reversedString += string[index];
7 }
8
9 console.log(reversedString);
10 // Output: tpircsava
```

Decreasing index until the first character comes.

Appending characters

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