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:

```
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]</pre>
```

3. Reverse String using inbuilt methods and without methods

Reversing string with methods

Converting string to array of characters

```
let string = "javascript";
let reversedString = string.split('').reverse().join('');
console.log(reversedString);
//Output: tpircsavaj
```

Reversing array elements

Getting array as a string

Reversing string with methods

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

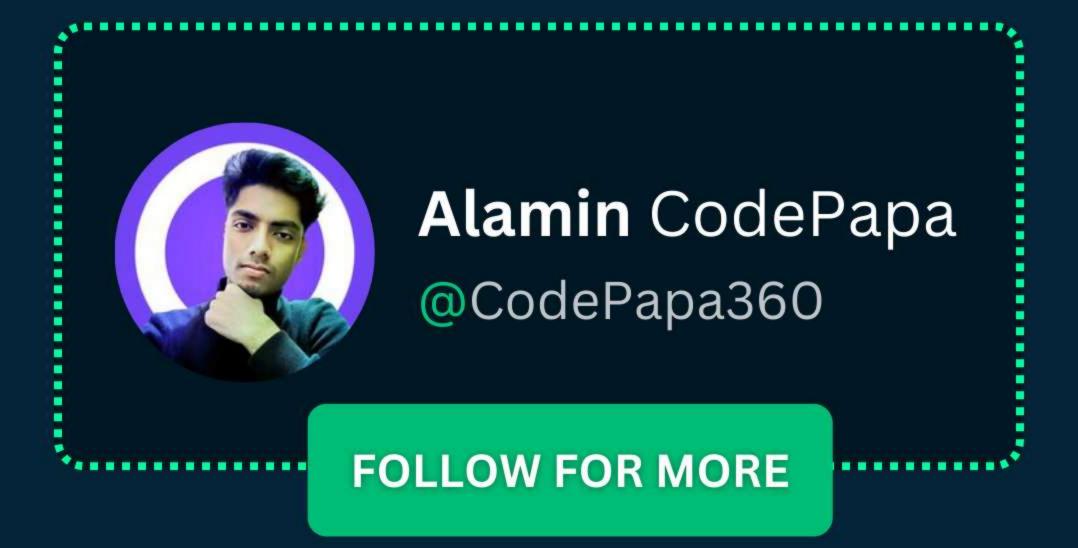
```
let string = "javascript";
let reversedString = '';
for (let index = string.length - 1; index >= 0; index--) {
   reversedString += string[index];
}
console.log/reversedString);
// Output/tpircsavaj
```

Decreasing index until the first character comes.

Appending characters

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