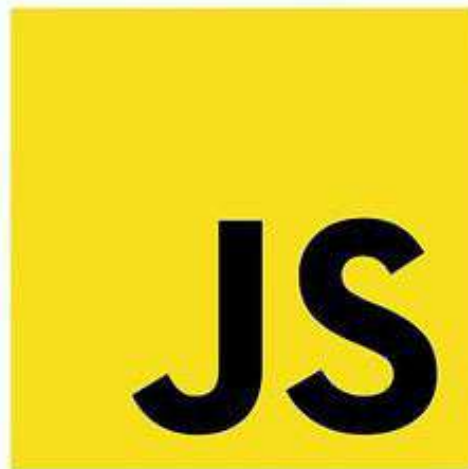


JS FOLLOW TO LEARN MORE JS

# Interview Questions



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## Question1: Count Duplicates in Array

```
// Count Duplicate Elements in Array

// input
const items = ["a", "b", "a", "c", "d", "d", "c", "d", "e"];

//output {a:2,b:1,c:2,d:3,e:1}

function countDuplicates(data){
  const output = {};


  data.forEach(d => {
    output[d] = (output[d] || 0) + 1;
  });

  return output;
}

console.log(countDuplicates(items));
//{a:2,b:1,c:2,d:3,e:1}
```



## Question2: Reverse a string



```
// Reverse a string

const input = "I Love JavaScript";

//output JavaScript Love I

function reverseString(data){
  // Step 1: convert string to array
  const arr = data.split(" ");

  // Step2: Reverse the array
  arr.reverse();

  // Step3: Convert Array back to String
  return arr.join(" ");
}

console.log(reverseString(input));
//JavaScript Love I
```

### Question3: Reverse each word of a string



```
// Reverse each word of a String

const input = "I Love JavaScript";

//output I evol tpircSavaJ

function reverseString(data){

    // Step 1: convert string to array
    const arr = data.split(" ");

    // Step2: Iterate through the array
    // and reverse it
    const result = arr.map(d => {
        return d.split("").reverse().join("");
    })

    // Step3: Convert Array back to String
    return result.join(" ");

}

console.log(reverseString(input));
//I evol tpircSavaJ
```





## Question4: Sort String in Ascending Order



```
// Sort string in Asc order

const input = "Learning JavaScript is Fun";

//output is Fun Learning JavaScript

function sortString(data){
  // Step 1: convert string to array
  const arr = data.split(" ");

  // Step2: sort the array

  arr.sort((a,b) => {
    return a.length-b.length;
  })

  // Step3: Convert Array back to String
  return arr.join(" ");
}

console.log(sortString(input));
//is Fun Learning JavaScript
```



## Question5: Replace All Occurrence of String Using built-in Method



```
// program to replace all occurrence of a string

const input = "Skills I Must Know Before I Learn ReactJS";
//output: Skills You Must Know Before You Learn ReactJS

const result = input.split("I").join("You");

console.log(result);
//Skills You Must Know Before You Learn ReactJS
```

*It can be solved using Regex as well*



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