

Interview Preparation Backend

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JavaScript Coding Questions

1. Explain what a callback function is and provide a simple example.
2. Given a string, reverse each word in the sentence.
3. How to check if an object is an array or not? provide code.
4. How to empty an array in JavaScript?
5. How would you check if a number is an integer?
6. Implement enqueue and dequeue using only two stacks?
7. Make this work

```
duplicate([1,2,3,4,5]); // [1,2,3,4,5,1,2,3,4,5]
console.log("hello");
```

8. Write a “mul” function which will properly when invoked as below syntax

```
console.log(mul(2)(3)(4)); // output: 24
console.log(mul(4)(3)(4)); // output: 48
```

9. Write a function that would allow you to do this

```
var addSix = createBase(6);
addSix(10); // returns 16
addSix(21); // returns 27
```

10. Fizzbuzz challenge: Create a for loop that iterates up to 100 while outputting “fizz” at multiples of 3, “buzz” at multiples of 5 and “fizzbuzz” at multiples of 3 and 5.
11. Given two strings, return true if they are anagrams of one another.
12. How would you use a closure to create a private counter?
13. What would be the following code output?

```
(function(){  
  var a = b = 5;  
})();  
  
console.log(b);
```

14. How this keyword works? Provide some example.
15. Write a function that would allow you to do this

```
multiply(5)(6);
```