**TECHNICAL INTERVIEW QUESTIONS**

1. What is the difference between using [== and ===](https://www.geeksforgeeks.org/difference-between-and-operator-in-javascript/) ?
2. Explain how *this* works in JavaScript?
3. Explain how prototypal inheritance in JavaScript works?
4. What are different ways to empty an array in JavaScript?
5. What is a closure, and how/why would you use one?
6. Write a simple closure:

**7.**

## Write a *multiply* function which will work properly when invoked with following syntax.

console.log(multiply(2)(3)(4)); // output : 24

console.log(multiply(4)(3)(4)); // output : 48

**8.**

### What is the output of the following code?

var strA = "hi there";

var strB = strA;

strB="bye there!";

console.log (strA)

**9.**

### What is the output of the following code?

var objA = {prop1: 42};

var objB = objA;

objB.prop1 = 90;

console.log(objA)

# **BONUS**

**10. A**

### What is the output of the following code?

for (var i = 1; i < 5; i++) {

setTimeout( () => console.log(i), 1000)

}

**10. B**

Why is the output of the console.log 5, 5, 5, 5 ?

**10. C**

How can we ensure to get each distinct ***i*** value for each function call, and print **1, 2, 3, 4, 5** ?