

TO-DO LIST AND INTERVIEW QUESTIONS



Practice Problem 1

- 1) If I write `[]==true`, will it show true or false? Check it out.
- 2) Use `===` to check if the `true === "true"` gives true or false.
- 3) Write an arrow function that will take a parameter and will check if the parameter is a number or not by using `isNaN()`. And return true or false.



Practice Problem 2

Change the value stored in the **storeFalsyValue** variable to a falsy value, such that the code in the **else** statement executes.

```
let storeFalsyValue = true;

if(storeFalsyValue) {

  console.log(`Nothing to show!`);

}
else {

  console.log(`You are amazing!`);

}
```



Practice Problem 3

Write an arrow function that will take 3 parameters (first two parameters will be numbers and the third parameter will be a string) that will perform arithmetic operation depending on the third parameter and will print the result. For example:

1. Print result of $\text{num1} + \text{num2}$ if operation is "add"
2. Print result of $\text{num1} - \text{num2}$ if operation is "subtract"
3. Print result of $\text{num1} * \text{num2}$ if operation is "multiply"
4. Print result of $\text{num1} / \text{num2}$ if operation is "divide"
5. Print result of $\text{num1} \% \text{num2}$ if operation is "modulus"
6. Else print "Invalid operation"



COMMON INTERVIEW QUESTIONS

- 1) Tell the difference Between Primitive and Non-Primitive Data Types in JavaScript.
- 2) What are the Truthy and Falsy values? Give me some examples.
- 3) What is the difference between null and undefined?
- 4) What are the differences between double equal (==) and triple equal (===)?
- 5) What is scope in JavaScript?
- 6) Define block scope and global scope.



COMMON INTERVIEW QUESTIONS

- 7) What is hoisting in JavaScript?
- 8) How to use the JavaScript callback function?
- 9) Explain closure in JavaScript
- 10) Explain passed by value and passed by reference.

