1. Explain Hoisting in javascript.
2. Difference between " == " and " === " operators.
3. Difference between var and let keyword in javascript.
4. Explain Implicit Type Coercion in javascript.
5. Explain passed by value and passed by reference.
6. Explain Higher Order Functions in javascript.
7. Explain "this" keyword.
8. Explain call(), apply() and, bind() methods.
9. Explain Scope and Scope Chain in javascript.
10. Explain Closures in JavaScript.
11. What are object prototypes?
12. What are callbacks?
13. What are the types of errors in javascript?
14. What is memoization?
15. What is the use of a constructor function in javascript?
16. Which method is used to retrieve a character from a certain index?
17. What are arrow functions?
18. What do mean by prototype design pattern?
19. Differences between declaring variables using var, let and const.
20. What is the rest parameter and spread operator?
21. In JavaScript, how many different methods can you make an object?
22. What is the use of promises in javascript?
23. What are classes in javascript?
24. What are generator functions?
25. Explain WeakSet in javascript.
26. Explain WeakMap in javascript.
27. What is Object Destructuring?
28. Difference between prototypal and classical inheritance
29. What is a Temporal Dead Zone?
30. What do you mean by JavaScript Design Patterns?
31. Is JavaScript a pass-by-reference or pass-by-value language?

32. **Difference between Async/Await and Generators usage to achieve the same functionality.**

33. **What is the output of the following code?**

34.
```
const b = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10];

for (let i = 0; i < 10; i++) {
  setTimeout(() => console.log(b[i]), 1000);
}

for (var i = 0; i < 10; i++) {
  setTimeout(() => console.log(b[i]), 1000);
}
```

35. **In JavaScript, how do you turn an Object into an Array []?**

```
let obj = { id: "1", name: "user22", age: "26", work: "programmer" };

//Method 1: Convert the keys to Array using - Object.keys()
console.log(Object.keys(obj));
// ["id", "name", "age", "work"]

// Method 2 Converts the Values to Array using - Object.values()
console.log(Object.values(obj));
// ["1", "user22r", "26", "programmer"]

// Method 3 Converts both keys and values using - Object.entries()
console.log(Object.entries(obj));
//[["id", "1"],["name", "user22"],["age", "26"],["work", “programmer"]]
```

36 .Write the code given If two strings are anagrams of one another, then return true.

```
var firstWord = "Deepak";
var secondWord = "Aman";

isAnagram(wordOne, wordTwo); // true

function isAnagram(one, two) {
  //Change both words to lowercase for case insensitivity..
  var a = one.toLowerCase();
  var b = two.toLowerCase();
```

```
  // Sort the strings, then combine the array to a string. Examine the outcomes.
  a = a.split("").sort().join("");
  b = b.split("").sort().join("");

  return a === b;
}
```