**JAVASCRIPT**

1. What are Promises in JavaScript?
2. What is the use of Promises?
3. What is Pyramid of Doom in JavaScript? What is use of Promise in that?
4. What are the methods in Promise?

2. What is Asynchronous code?

3. Console questions

4. What is destructuring?

5. What is setTimeout and setInterval?

23. What is JavaScript and what is ES6?

24. What are the features introduced in ES6?

25. What is an arrow function?

26. What are the different ways to create a function in JavaScript?

27. Difference b/w let, var and const.

28. How to create an event in JavaScript? addEvenetListner use?

33. What is async await?

34. What is callback?

35. How to create an Object using a function?

36. const change in object?

37. How to add one more property to Object?

38. How to get the length/depth of the Object?

39. What is high order function?

40. Write a function for the promise method. async await and try catch promise completely?

3. 2 div with the same id, document,getElementById targets which div?

4. What do you understand by hoisting in JavaScript?

5. What is the basic difference b/w var and let keyword?

6. What are closures in JavaScript?

7. Explain JavaScript in OOPS with an example.

8. What are Prototypes in JavaScript?

9. What are high order functions in JavaScript.

10. What are callbacks in JavaScript?

12. Why is the promise introduced as the same thing can be done with a callback?

13. There are 4 tasks, we have to do 1 by 1 how to do?

14. What are filters and maps in JS.

15. What is basic difference is map and reduce.

16. Filter the object with given city/name Pune.

17. Call by Property Tom and jerry JavaScript

18. Make a copy of an array.

19. What is spread operators.

20. By cloning a spread array A to array B, by changing the value of A array the value B array is also changes, how to overcome this problem and why is behave like that.

1. What is Map (allocate a memory) and WeakMap in JavaScript?

2.

3. When do you use async/await or promise?

4. What is the use of mutation observor?

5. What is the use of yield?

6. What is generator function?

7. How yield works, ++ operator?

8. What is the best way to load the JavaScript files when there are multiple files and some import in the exist?

9. Best way to do import?

10. How lazy loading works?

1. What is IIFI?

2. What is hoisting in JavaScript?

3. What is function binding in JavaScript? What is bind? What is the behaviour of the bind?

4. What is this keyword in JavaScript?

5. Difference b/w methods and functions?

6. Difference b/w call, bind, apply?

7. What is the purpose of the inbuilt function?

8. function name person and variable name with value abc and I have a function get name and typing this.name and outof this person function we are creating an object of person name and then calling the method what is the output?

9. What is constructor?

10. What is the difference b/w the named function and arrow function?

11. What is temporal dead zone?

12. console b/w settimeout and promise timing?

16. What are closures in JavaScript?

17. What is scope chaining?

18. What is pure function?

19. What is the difference b/w var, let and const?

20. What are high order function? Explain with example?

21. What are array function? Explain them?

22. What is reduce function in Array?

24. What is the difference between promise and callback?

25. What are the disadvantages of callback?

26. What are different optimization use in JavaScript?

25. Fiter the array having the name with having skill will be JavaScript...

10. Combine both array in a single array, after that sort the array in ascending order of ID.

11. Filter the object which have student access is TRUE? Output will be array having student access is TRUE. without pre defined functions?

12. Mention git command use in git commit/fetch.

13. Find the index of object within the Array where the name of the book is four.

12. Create a one to do list from the text with having button to add and button to remove individually in React.

13. Add active class & style in JavaScript in react and JavaScript by select an list of element?

14. Initially in each data need to add one more key, once click this array item.

15. How to add new key to object?

16. What are data types in JavaScript?

17. What are inbuilt methods in Array?

18. What is regular expression in JavaScript?

19. What is closure in JavaScript? and write a example.

20. What is JavaScript hoisting?

21. What is the difference b/w var, let and const?

22. How to flatten nested object output?

23. How to flatten nested array output?

18. Write a program of revering the string.

11. What is closure?

12. What is == and ===?

15. What is typescript? Any advantage?

1. What is ES6 and its concept?

2. What is string interpolation?

3. Declare a var with number?

4. Prepare a snippet that count the each character of string how many times it is present in it.

8. What is hoisting?

9. What is closure?

10. What is recurssion function?

27. What is event loop.

28. What is a promise and how does a promise work.

29. What is the difference b/w Promise and Async await.

30. What is anonymous function.

31. 0.1 + 0.2 == 0.3 console = Because of the limited precision of floating point numbers round-off errors can occur during calculations.

32. What is data type of null. => Object

EXERCISE

28. let str = "Welcome to this TCS Drive!";

"out put : "emocleW ot siht SCT !evirD"

str.split(' ').map((e) => e.split('').reverse().join('')).join(' ');

29. Reverse string:

const a = 'sachin';

a.split('').reverse().join('')

30.

const a = [1,2];

const b = [3,4];

// output: [1,2,3,4]

31.

const arr = [1, 2, 3];

const sum = (x, y) => x + y;

arr.reduce(sum, 0); // 6

32.

const nums = [2, 4, 6, 8, 1, 3, 5, 7];

Math.max(...nums); // 8

Math.min(...nums); // 1

29. Write a function to remove duplicate and sort

const a = [9,4,1,3,2,5,3,1,5,6,7,8,1];

// Output: [1, 2, 3, 4, 5, 6, 7, 8, 9]

[...new Set(a.sort((b, c) => b - c))]

[...new Set(a.sort((b, c) => c - b))]

// Output: [9, 8, 7, 6, 5, 4, 3, 2, 1]

34. const items = [

{ id: 1, name: 'a' },

{ id: 2, name: 'b' },

{ id: 3, name: 'c' },

{ id: 1, name: 'd' },

{ id: 3, name: 'f' },

{ id: 1, name: 'a' },

{ id: 3, name: 'c' },

];

/\*

expected result:

[

{ id: 1, names: ['a', 'd']},

{ id: 2, names: ['b']},

{ id: 3, names: ['c', 'f']}

]

\*/

35. merge two arrays and sort accordingly with unique numbers only

const arr1 = [5, 2, [3], 4, 1, ‘test’, { a:1 }];

const arr2 = [6, 5, 1, ‘test’];

// expected result: [1, 2, 3, 4, 5, 6]

36.

(function(x) {

return (function(y) {

console.log(x);

})(2)

})(1);

Snippets:

1. Concate 2 arrays

2. Remove duplicate from array

3. return the number greater than five from defined array

4. return each value of an array multiplied by 2

5. improve call using async await

6.

console.log(false == '0')

console.log(false === '0')

7. Reverse a string