1. Let a = 'fgshshs1873hdhhd7-'

Convert it to an array (each item is each character)

X=a.split(“”);

Result will fgshshs1873hdhhd7-

1. What is dependency injection in angular? What is the use of it?

Dependency injection is the process of supplying or injecting the services which are created outside the component.

here the dependency is injected using constructor of that class.

The main advantage of dependency is decoupling, here if we want to change a value in some places we don’t have to go and change it from everywhere.

1. What is a service?

Service is the property of sharing the common functionality for more than one component.

These common functionality is shared or injected to more than one component using dependency injection.

1. what is a DOM?

* Document Object Model can also be named as template.
* Will have a specific structure for creating a web template
* The DOM will have a specific structure which is defined by W3C for making all the developers to follow a common template developing structure or standard

1. Difference between display: none and visibility: hidden?

Display none will leave an empty space or white space.

The space will not be occupied

Visibility hidden will just hide the element, it will not show any white space, it is just hidden the space will be still occupied

1. Synchronous vs Asynchronous JavaScript? What is JavaScript's default behaviour?

* Synchronous JavaScript

Here the process flow will be like line by line, i.e. the program waits for the result only when the task is completed the program will be going to the next one.

* Asynchronous JavaScript

Here it is the just the opposite of synchronous I.e. here there is no line by line execution.

the programme will not wait for a task to complete

By default, JavaScript is synchronous but for making it asynchronous we can use call-backs

1. What is scoping in JS and what are the types of scoping?

Scoping is the process of limiting the access to a specific area or field.

This will help in efficient code and to reduce the chance of occurring error.

Types

1.Global scoping

2.Block-level scoping or functional scoping

1. What are JavaScript Data Types?

Data types defines the type of an element, JavaScript is actually not a strictly typed that is we can change the datatype of a variable once we have assigned it, i.e. js is dynamically typed

Different types

Primitive: number, Boolean, string, NaN

and

non-primitive: Object, Array, function, null

1. What is the use of is NaN function?

NaN is mean to be Not a Number, even though it is a number type

We use isNaN() to check whether the input is a number or not

1. Is it possible to break JavaScript string into several lines? If so, How?

Yes, we can split it to several lines.

We can do that by using <br> operator for line breaking or we can use the <li>

1. What are undeclared and undefined variables?

Undeclared means still the variables are not still declared, so if we are using a variable without declaring it, it will show an error.

Undefined mean we have declared a variable but still we didn’t assign a value to it so its value by default remains undefined.

But it will not show any error.

1. What are global variables? How are these variable declared and what are the problems associated with using them?

* Global variable is not declared inside any function; hence it can be accessed from any part of the programme.
* They are defined outside at the functions, usually they are declared at the top or beginning.

Ex: var x=5;

* The problem of global variable is that if we use the same variable inside a function its value will be edited,

In a globally variable declared program we cannot make that variable again inside any other, this will lead to lots of confusions.

1. What is 'this' keyword in JavaScript?

* This keyword in JavaScript is an ES6 feature.
* this keyword refers to the object it belongs to
* “this. “keyword will act in different way in different situation

--Inside an object if we are using it, it will act as the owner object

--If we are using it in a plain function it will give output as [window object]

--If we are using this. Operator alone it will again refer the window object

1. What is setTimeout, setInterval, clearInterval in js?

These are features for making the JavaScript asynchronous.

setTimeout: used to delay the execution of any function. This will occur only once,

we can delay by giving the milliseconds we want it to be delayed.

setInterval: here the function will execute in every definite interval time

clearInterval: used to clear the interval which we have given.

1. == vs === operator?

== : is a comparison operator

will check the value only not the type.

=== :is a comparison operator

Here at first the values are compared only if it satisfies the type is checked

1. != vs !== operator?

!= : is also a comparison opereator

Not equal operator

Here the we are checking that whether the value in both side are equal or not.

!== : is also a comparison operator.

Not equal value and data type also should not be equal …

1. What are all the looping structures in JavaScript?

For loops, for in loop, while loop

1. How can you convert the string of any base to integer in JavaScript?

We can remove the floating point values by using parseInt() operator.

1. What do mean by NULL in JavaScript?

Null means empty.

We can use it to make a variables value to be empty by assignment operator

Its data type is object

1. What is the function of delete operator?

We use delete operator for deleting an item

This will leave an empty space.

1. sessionStorage vs localStorage?

Both are browser storages.

Sessionstorage

1. What is break and continue statements?
2. What are the two basic groups of dataypes in JavaScript?
3. What is the use of type of operator?
4. Which keywords are used to handle exceptions?
5. JS vs TS?
6. TypeScript advantages over JavaScript?
7. push vs unshift method?
8. Splice vs slice?
9. pop vs shift?
10. indexOf vs search?
11. array.find vs array.some?
12. array.map vs array.forEach?
13. for In vs for Of?
14. array.filter vs array.reduce?
15. slice vs subSteing vs subStr?
16. What is the 'Strict' mode in JavaScript and how can it be enabled?
17. what is a JavaScript Closure?
18. two ways to access array element's or insert elements into array?
19. Two ways to access object methods

--- objectname.propertyname

---- Named index

Objectname[name]

1. Use of anonymous function?

They will have another name to access them …i.e. parent function name

1. What is the difference between. call() and .apply()?
2. Is JavaScript case sensitive? Give an example?

X=5

x =10

1. What boolean operators can be used in JavaScript?

&&, || , !

1. Define event bubbling?
2. How are object properties assigned?

Objectname.propertyname=smthng;