**Angular**

[How does an Angular application work?](https://intellipaat.com/blog/interview-question/angular-interview-questions/#4)

What is Authentication & Authorization, how can we achieve this in angular?

What is attribute directives?

What is ng-content and its purpose?

Angular AOT / JIT | Lazy Loading

How is Dependency Hierarchy formed?

How do you perform Error handling?

What are the differences between Angular decorator and annotation?

What is DOM?

Explain the MVVM architecture.

 What are the distinct types of Angular filters?

What is server-side rendering in Angular?

What is NgZone?

What is the difference between promise and observable? with code

What are Router States

difference between formgroup vs formarray

Subjects & behaviour Subject

ForkJoin / mergeMap , concatMap, switchMap

custom component & dynamic Component

Security paractices on angular application

virtual Dom and incremental DOm

**Unit Testing**

What is TestBed?

How to mock service to inject in a unit test?

What is Karma & Jasmine

What is describe()

**TypeScript**

What is TypeScript?

What is tsconfig.json file?

What are Interfaces in TypeScript

What is Scope variable?

Union Type in angular

### What is void, and when to use the void type?

### What is an unknown type, and when to use it in TypeScript?

### How to specify optional properties in TypeScript?

### Explain the concept of null and its use in TypeScript.

### What is TsLint & EsLint

### What is undefined in TypeScript?

* console.log(null == null); // true
* console.log(undefined == undefined); // true
* console.log(null == undefined); // true, with type-conversion
* console.log(null === undefined); // false, without type-conversion
* console.log(0 == undefined); // false
* console.log('' == undefined); // false

### console.log(false == undefined); // false

console.log(null == null);

console.log(undefined == undefined);

console.log(null == undefined);

console.log(null === undefined);

console.log(0 == undefined);

console.log('' == undefined);

console.log(false == undefined);

### Explain the purpose of the never type in TypeScript.

### Explain how enums work in TypeScript?

### What is the typeof operator?

### Explain the symbol type in TypeScript.

### What is meant by type inference?

### Explain the various ways to control member visibility in TypeScript.

### What are intersection types?

### What are type assertions in TypeScript?

**Javascript**

What is event loop

callback vs promise

 What is the purpose of ‘This’ operator in JavaScript?

How does Type Of Operator work?

What is the difference between Attributes and Property?

List out the different ways an HTML element can be accessed in a JavaScript code.

What is a Typed language?

What is the difference between Local storage & Session storage?

What is the difference between null & undefined?

What is the difference between undeclared & undefined?

What is the difference between window & document in JavaScript?

What is an event bubbling in JavaScript?

What is NaN in JavaScript?

What is the ‘Strict’ mode in JavaScript and how can it be enabled?

What is the difference between Call & Apply?

What is the use of isNaN function?

What is the working of timers in JavaScript?

What is called Variable typing in Javascript?

What is break and continue statements?

What are the two basic groups of data types in JavaScript?

What are the different types of errors in JavaScript?

Hoisting

callback hell

shallow copy vs deepshallow

higher order function

rest & spread

async Await

diffrence between foreach, map, filter, reduce

diffrence between for in & for of

console.log(!true === true);

console.log(2+5+”3″)

console.log(1 + "2" + "2");

console.log(1 + +"2" + "2");

console.log(1 + -"1" + "2");

console.log(+"1" + "1" + "2");

console.log( "A" - "B" + "2");

console.log( "A" - "B" + 2);

let print = () => { console.log(this) }

print();

(function(){

var a = b = 3;

})();

console.log("a defined? " + (typeof a !== 'undefined'));

console.log("b defined? " + (typeof b !== 'undefined'));

(function(){

setTimeout(()=> console.log(1),2000);

console.log(2);

setTimeout(()=> console.log(3),0);

console.log(4);

})();

function foo1()

{

return {

bar: "hello"

};

}

function foo2()

{

return

{

bar: "hello"

};

}

function func2(){

for(var i = 0; i < 3; i++){

setTimeout(()=> console.log(i),2000);

}

}

func2();

let name = 'Firefox';

function makeFunc() {

let name = 'Mozilla';

function displayName() {

console.log(name);

}

name = 'Safari';

return displayName;

}

const myFunc = makeFunc();

myFunc();

x = 1;

y = 2;

console.log(x,y);

var x;

let y;

var Employee =

{

company: 'xyz'

}

var Emp1 = Object.create(Employee);

delete Emp1.company;

console.log(Emp1.company);

[5,0,8,7,0,9,3,0,1,6,0]

**13. What will the code below output to the console and why?**

var arr1 = "john".split('');

var arr2 = arr1.reverse();

var arr3 = "jones".split('');

arr2.push(arr3);

console.log("array 1: length=" + arr1.length + " last=" + arr1.slice(-1));

console.log("array 2: length=" + arr2.length + " last=" + arr2.slice(-1));

**10.Write a sum method which will work properly when invoked using either syntax below.**

console.log(sum(2,3)); // Outputs 5

console.log(sum(2)(3)); // Outputs 5

**Create a method that can give response on every 10 sec for one min after 1 min it should stop without using setInterval**

CSS

What is flex box

diffrence between sudo class & sudo elements

Jenkins pipeline