

Interview Preparation

1. Java script

- a. Hoisting
- b. Closures
- c. Call backs
- d. Call back hell
- e. Promises
- f. Promise chain
- g. Scope chain
- h. DOM Methods
- i. Currying in Java script
- j. Event bubbling
- k. Event Capturing
- l. Prototype
- m. Higher Order functions
- n. Functions
- o. Array Methods
- p. Call, apply, bind Methods
- q. Reduce Methods
- r. String Methods
- s. Difference between var, let, const
- t. Temporal dead zone
- u. What is BOM
- v. Difference between BOM and DOM
- w. What is the difference between spread and rest operators?
- x. Write a program to count the words in a given string.
- y. How to convert a string into object?
- z. Write a snippet that count the words in a sentence and convert those into object.
- aa. Write a snippet to count the specific word in a sentence. (repetition)
- bb. Write the coding to push the elements into an array from the statement.
- cc. Explain the deep copy and shallow copy in Javascript.

2. HTML

- a. Html5 new attributes
- b. Html new form attributes
- c. Html new semantic elements
- d. Quirk issue
- e. Block level elements
- f. Inline elements
- g. SVG (circle, Polygon, Square, Rectangle)
- h. What are the things there in head tag?
- i. What are the things there in Body tag?
- j. Why script tag is placed before end tag of body?

3. CSS

- a. What is meant by inline, external, internal style sheets?
- b. Explain the severity in CSS.
- c. Explain box model in CSS

Interview Preparation

- d. Difference between inline and inline block.
 - e. Explain display flex.
 - f. Explain positioning in CSS
 - g. What is the difference between pseudo elements and pseudo classes in CSS.
 - h. Name few font combinations.
 - i. What are the colour categories (Hex, RGB and ...)?
 - j. Difference between VW and VH.
 - k. Explain about rem, px and %
 - l. How do you achieve responsiveness in CSS?
4. Angular Interview Questions.
- a. What is SPA?
 - b. What is module?
 - c. What is component?
 - d. What is service?
 - e. What are the building blocks of an angular?
 - f. Explain about feature modules.
 - g. What are the meta data in the components and modules.
 - h. What are types of directives?
 - i. Can you write a piece of code of directives?
 - j. Explain about routing strategies?
 - k. Explain about angular interceptors.
 - l. How you handle the error handling in angular?
 - m. Explain step by step how you implement Interceptors.
 - n. Explain how can you communicate between components?
 - o. Can you write the piece of code for input and output?
 - p. What is the difference between view child and view children?
 - q. Explain about lifecycle hooks in angular.
 - r. What is the difference between ngOnInit and constructor?
 - s. What is RxJS means?
 - t. Can you explain the types of rxjs operators?
 - u. What is the higher order rxjs operators?
 - v. Can you write the piece of code for custom directives?
 - w. Difference between form builder and form group.
 - x. Difference between form array and form group.
 - y. How do you achieve security in angular? (Guards)
 - z. What is the resolver guard?
 - aa. Explain about the pipes in angular.
 - bb. Can you write the piece of code how to develop the custom pipe?
 - cc. What are the Observables and Observer?
 - dd. Explain about subject and behaviour subject.
 - ee. What is the use of async pipe explain the use case.
 - ff. What is the difference between AOT and JIT compilers.
5. Important articles or links needs to be revised.

1.	https://www.slingacademy.com/article/javascript-objects-cheat-sheet/	Refer it for coding snippets especially for DATA STRUCTURES.
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2.	https://www.tutorialspoint.com/converting-string-to-an-array-in-javascript	Coding JS snippets
3.	https://www.youtube.com/watch?v=isl6rpnTIMA	Rxjs operators