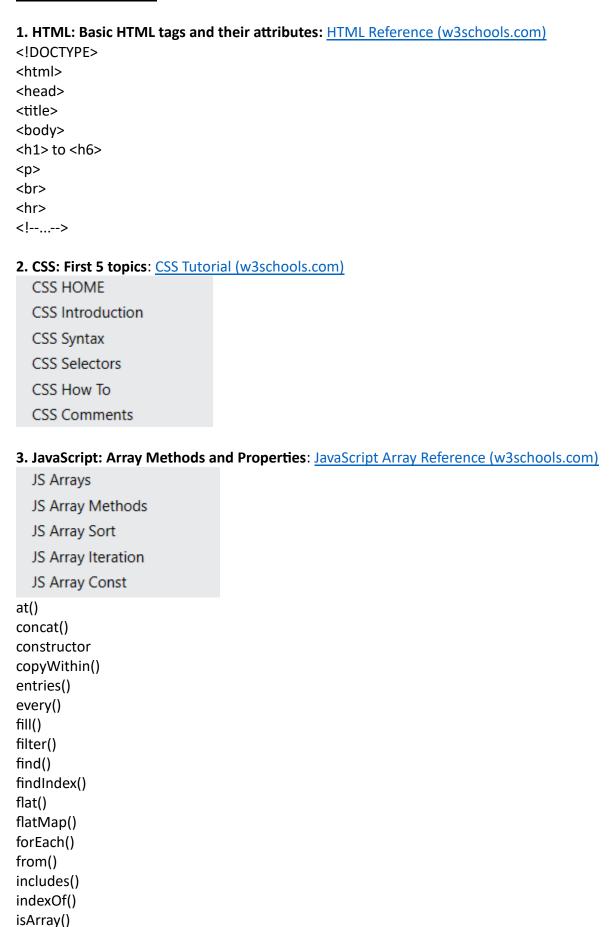
## **FRONTEND TOPICS 1:**



join() keys() lastIndexOf() length map() pop() prototype push() reduce() reduceRight() reverse() shift() slice() some() sort() splice() toString() unshift() valueOf()

## **SELF EVALUATION 1:**

- Q1. Create a basic HTML document. (All basic tags along with required attributes, also mention the tags that goes in head element).
- Q2. Mention 3 ways of styling a document, along with cascading order (mention priority using comments).
- Q3. Explain CSS selectors: simple, combinator, pseudo-class(links/form/table), pseudo-elements and attribute selectors.
- Q4. Mention ways to create an array, access and manipulate it. How to recognise if a variable is an array?
- Q5. Find the size of an array, access the first and last element of array and add new element using appropriate array property.
- Q6. Mention different methods to add new element to an array.
- Q7. Mention different methods to delete element from an array.
- Q8. Mention iteration methods that loop through every elements in an array along with their return value.
- Q9. Mention methods that return index(es) of array element(s).
- Q10. Mention methods used to check if element is present in array along with their return value.
- Q11. Mention methods used to access last element, part of array along with their return value.

- Q12. Mention methods used to combine arrays.
- Q13. Sort a number array, array of objects based on string value (eg: [{name: 'Zayn', age: 23 }, {name: 'Ana', age: 35 },...]) and reverse it.
- Q14. In array: [1, 2, [3, 4], [5, [6, 7]]], mention methods used to get following output: [1, 2, 3, 4, 5, 6, 7].
- Q15. In array: [1, 2, 3, 4, 5], mention method to replace the last element with the first element.
- Q16. In array: ["It's a sunny day", "I want ice-cream"] using appropriate method get this output: ["it's", "a", "sunny", "day", "I", "want", "ice-cream"] (Hint: "A boy".split(" ") => ["a", "boy"])
- Q.17 Use appropriate methods to convert string to array and vice versa.

**Note:** Implement all the above questions with proper comments, you can console log to show the result. Also, make use of different types of arrays(number/string arrays /array of object).