

Fullstack Development Milestone Test-2

Round 1

1. How do you empty an array ? (crs-fs-javascript) (Medium)

Const arr = [1, 2, 3, 4]

- a. arr.empty()
- b. arr.length = 0 (Correct)
- c. arr.remove()
- d. arr.removeAll()

2. Which of the javascript function is used to clone the object ? (crs-fs-javascript) (Difficult)

Example Object :

```
Const car = {  
  Color: 'Red',  
  Brand: {  
    Audi: { model : 'A7'}  
  }  
}
```

- a. Object.assign({}, car) (Correct)
 - b. Object.create(car)
 - c. JSON.stringify(car)
 - d. JSON.parse(car)
3. Which Javascript function is used to prevent the object property being updated. (crs-fs-javascript) (Medium)
- a. Object.freeze(obj) (Correct)
 - a. Object.seal(obj)
 - b. obj.seal()
 - c. obj.freeze()
4. Which Javascript function is used to update the property of the object but prevent the object property being deleted. (crs-fs-javascript) (Medium)
- a. Object.freeze(obj)
 - b. Object.seal(obj) (Correct)
 - c. obj.seal()

d. `obj.freeze()`

5. Which Javascript function is used to add the element in the first index of the array.

(crs-fs-javascript) (Medium)

- a. `array.shift(element)`
- b. `array.unshift(element)` (Correct)
- c. `array.push(element)`
- d. `array.pop(element)`

6. Which Javascript function is used to remove the element in the first index of the array.

(crs-fs-javascript) (Medium)

- a. `array.shift()` (Correct)
- a. `array.unshift()`
- b. `array.push()`
- c. `array.pop()`

7. From the below function declaration which one is not correct way? (crs-fs-javascript)

(Medium)

- a. `function add() {}`
- b. `const function = () => {}`
- c. `var function = () => {}`
- d. `let function() {}` (Correct)

8. The function that operates on taking one or more functions as arguments, and returning new function. (crs-fs-javascript) (Medium)

- a. multiple order function
- b. higher order function (Correct)
- c. lower order function
- d. new order function

9. What is the correct syntax of writing JSON name/value pair, where the value of string data type? (crs-fs-javascript) (Medium)

- a. `"name" : "value"` (Correct)
- b. `"name" : value`
- c. `"name" : 'value'`
- d. `'name' : 'value'`

10. Which function is used to convert text into a JavaScript object? (crs-fs-javascript) (Medium)
- a. JSON.parse() (Correct)
 - b. string.parse()
 - c. object.parse()
 - d. All of the above
11. Which is the correct syntax to access an object property in JavaScript? (crs-fs-javascript) (Easy)
- a. objectName:propertyName
 - a. propertyName
 - b. objectName["propertyName"] (Correct)
 - c. objectName{"propertyName"}
12. What will be the output of the following javascript code ? (crs-fs-javascript) (Medium)
- ```
var string2Num=parseInt("123xyz");
console.log(string2Num);
```
- a. 123 (Correct)
  - b. 123xyz
  - c. NaN
  - d. Error
13. What is the difference between the two lines in the following JavaScript code? (crs-fs-javascript) (Medium)
- ```
!!(obj1 && obj2);  
(obj1 && obj2);
```
- a) Both the lines result in a boolean value "True"
 - b) Both the lines result in a boolean value "False"
 - c) Both the lines check just for the existence of the object alone.
 - d) The first line results in a *real* boolean value whereas the second line merely checks for the existence of the objects (Correct)
14. Javascript method to convert all the elements of an array into string and concatenate them with any delimiter to generate a string. (crs-fs-javascript) (Medium)
- a. Array.concat()
 - b. Array.join() (Correct)
 - c. Array.slice()
 - d. Array.map()

15. From the below choose the correct syntax for 2D array ? (crs-fs-javascript) (Medium)
- a. [1, 2, 3]
 - b. [1, 2, 3][4, 5, 6]
 - c. [[1, 2, 3], [4, 5, 6]] (Correct)
 - d. 1, 2, 3, 4
16. How to choose the number 2 from the 2D array from the below input ? (crs-fs-javascript) (Medium)
- ```
const arr = [[1, 2, 3], [4, 5, 6]]
```
- a. arr[1]
  - b. arr[1][2]
  - c. arr[0][1] (Correct)
  - d. arr[2]
17. What type of array resembles a table ? (crs-fs-javascript) (Medium)
- a) One-dimensional array
  - b) Two-dimensional array (Correct)
  - c) Three-dimensional array
  - d) N-dimensional array
18. How we can determine number of elements in two-dimensional array? (crs-fs-javascript) (Medium)
- a) Multiplying number of rows and number of columns (Correct)
  - b) Adding number of rows and number of columns
  - c) Multiplying number of rows and number of rows
  - d) Adding number of columns and number of columns
19. To traverse two dimensional array how many loops are required. ? (crs-fs-javascript) (Medium)
- a) One
  - b) Two (Correct)
  - c) Three
  - d) Zero
20. What is the output of the below code ? (crs-fs-javascript) (Medium)
- ```
console.log(typeof []);
```
- a. number
 - b. string
 - c. array
 - d. object (Correct)
21. Which function of an Array object calls a function for each element in the array? (crs-fs-javascript) (Medium)
- a. forEach() (Correct)
 - b. every()

- c. `forEach()`
- d. `each()`

22. What is the correct syntax for creating an object? (crs-fs-javascript) (Medium)

- a. `var book = Object();`
- b. `var book = new Object();` (Correct)
- c. `var book = new Book();`
- d. `var book = new OBJECT();`

23. What is the output of the below string expression ? (crs-fs-javascript) (Medium)

`Console.log('RELEVEL'[0])`

- a. RELEVEL
- b. Undefined
- c. R (Correct)
- d. Error

24. What happen when we add two array? (crs-fs-javascript) (Difficult)

`console.log(['Relevel'] + ['DSA'])`

- a. ["Relevel", "DSA"]
- b. RelevelDSA (Correct)
- c. Relevel
- d. DSA

25. How to delete the property color in the below object ? (crs-fs-javascript) (Medium)

```
const car = {  
  brand: 'Audi',  
  color: 'Red'  
}
```

- a. remove color
- b. remove car.color
- c. delete color
- d. delete car.color (Correct)

26. How do you empty an array ?

`Const arr = [1, 2, 3, 4]`

- a. `arr.empty()`
- b. `arr.length = 0` (Correct)
- c. `arr.remove()`
- d. `arr.removeAll()`

27. What is the output of the below code snippet? (crs-fs-javascript) (Medium)

```
language();  
const language = () => {  
  var script = "Javascript"  
  console.log(script)  
}
```

- a. undefined
- b. error (Correct)
- c. Javascript
- d. null

28. What will be the output of the below code? (crs-fs-javascript) (Medium)

```
let color = 'green';  
const cars = {color};  
console.log(cars)
```

- a. {}
- b. undefined
- c. error
- d. {color: 'green'} (Correct)

29. What will be the output of the below snippet? (crs-fs-javascript) (Medium)

```
function doSomething(a, b)  
{  
  if (b==1)  
    return a;  
  else  
    return a + doSomething(a,b-1);  
}  
console.log(doSomething(2,3));
```

- a. 6 (Correct)

- b. 4
- c. 2
- d. 3

30. What will be the output of the below snippet. (crs-fs-javascript) (Medium)
function something(number)

```
{  
  if(number <= 0)  
    return 1;  
  else  
    return number * something(number-1);  
  
}
```

console.log(something(4));

- a. 16
- b. 24 (Correct)
- c. 12
- d. 1

31. Recursion is similar to which of the following? (crs-fs-javascript) (Medium)

- a. Switch case
- b. Loop (Correct)
- c. If else
- d. None

32. Recursion uses more memory compared to iteration. (crs-fs-javascript) (Medium)

- a. True (Correct)
- b. False

33. Which of the javascript function is used to deep clone the object (object inside object) (crs-fs-javascript) (Difficult)

Example Object :

```
Const car = {  
    Color: 'Red',  
    Brand: {  
        Audi: { model : 'A7'}  
    }  
}
```

- a. Object.assign({}, car)
- b. Object.create(car)
- c. JSON.parse(JSON.stringify(car)) (Correct)
- d. JSON.parse(car)

34. Javascript function to find the minimum value in the array ? (crs-fs-javascript) (Difficult)

- a. array.min()
- b. array.findMin()
- c. Math.min.apply(null, array) (Correct)
- d. Math.minimum(array)

35. Which of them are not the looping structures in JavaScript? (crs-fs-javascript) (Medium)

- a. for
- b. while
- c. forif (Correct)
- d. do while

36. Javascript method to convert 2D array into 1D array (crs-fs-javascript) (Medium)

- a. `Array.concat()`
- b. `Array.flat()` (Correct)
- c. `Array.slice()`
- d. `Array.map()`

37. What is the output of the below snippet ? (crs-fs-javascript) (Medium)

```
function language() {  
    console.log(script)  
    var script = "Javascript"  
}  
language();
```

- a. error
- b. Javascript
- c. undefined (Correct)
- d. null

38. What will be the output of the below code? (crs-fs-javascript) (Difficult)

```
const arr2 = [0, 1, 2, [[[3, 4]]]];

console.log(arr2.flat(3));
```

- a. `[0, 1, 2, [[[3, 4]]]]`
- b. `[0, 1, 2, [[3, 4]]]`
- c. `[0, 1, 2, 3, 4]` (Correct)
- d. `[0, 1, 2, [3, 4]]`

39. Which keyword is most commonly used to define a function in JavaScript.

(crs-fs-javascript) (Easy)

- a. fun
- b. var
- c. function (Correct)
- d. define

40. Array join method will return which form of output? (crs-fs-javascript) (Medium)

- a. Boolean
- b. Object
- c. Array
- d. String(Correct)