TW-08 GROUP VERSION (Sprint-5 Week-1)

TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

▶ Icebreaking

▶ Questions

▶ Interview Questions

▶ Coffee Break

▶ Coding Challenge

▶ Video of the week

▶ Retro meeting

▶ Case study / project

Teamwork Schedule

Ice-breaking   10m

- Personal Questions (Study Environment, Kids etc.)
- Any challenges (Classes, Coding, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

Ask Questions   15m

1. What is the new avengers array after this code block?

```javascript
let avengers = ["Iron Man", "Captain America", "Black Widow", "Hulk"];

avengers.splice(2, 1, "Thor", "Hawkeye");
```

A. ['Black Widow']
B. index error
C. ['Iron Man', 'Captain America', 'Thor', 'Hawkeye', 'Hulk']
D. ['Iron Man', 'Captain America', 'Thor', 'Hawkeye','Black Widow', 'Hulk']

2. Write a loop to iterate languages?

```javascript
let fullStack = {
  languages: ["JavaScript", "React", "HTML"],
  jira: true,
  gitHub: true,
  difficulty: 8,
};
```

3. Write a code for get `fullStack` object's keys

```
let fullStack = {
  languages: ["JavaScript", "React", "HTML"],
  jira: true,
  gitHub: true,
  difficulty: 8,
};
```

4. Write a method to get myCar's age

```
const myCar = {
  make: "ford",
  model: "Mustang",
  year: 1965,
  color: "Black",
};
```

5. What is the output of this code snippet?

```
(function (data) {
  return (function () {
    console.log(data);
    data = "Full Stack";
  })();
})("Clarusway");
```

A. Full Stack

B. Clarusway

C. undefined

D. Error

6. Which Object method returns an iterable that can be used to iterate over the properties of an object?

A. Object.get()

B. Object.keys()

C. Object.each()

D. Object.loop()

7. What will this code print?

```javascript
var v = 1;
var f1 = function () {
  console.log(v);
};

var f2 = function () {
  var v = 2;
  f1();
};

f2();
```

A. 2
B. 1
C. Nothing - this code will throw an error.
D. undefined

8. Your code is producing the error: `TypeError: Cannot read property 'reduce' of undefined`. What does that mean?

9. Sass is a ....

A. Scripting language
B. Markup language
C. CSS pre-processor
D. React Future

10. Which symbol is used to declare a variable in Sass?

A. #
B. &
C. @
D. $

11. Which directive allows you to include the content of one file in another?

A. @include
B. @define
C. @import
D. @variable

12. Which directive is used to create CSS code that is to be reused throughout the website?

A. @include
B. @mixin
C. @import
D. @variable

13. Which of the following are the most attractive features of SASS?

A. SASS is more stable, powerful, and fully compatible with CSS3.
B. SASS is time-saving because it facilitates users to write CSS in less code.
C. SASS uses its syntax.
D.All of the above.

14. What kind of scoping does JavaScript use?

A. Literal
B. Lexical
C. Segmental
D. Sequential

15. What is closure?

A. Function objects
B. Scope where function's variables are resolved
C. Both Function objects and Scope where function's variables are resolved
D. Function return value

16. What will be the output

```js
var x = 10;

function counter() {
  let x = 1;
  return function () {
    return x++;
  };
}

scoreTracker = counter();
scoreTracker();
scoreTracker();
scoreTracker();
const latest = scoreTracker();

console.log(latest);
```

A. 10

B. 14

C. 4

D. 1

17. What will be printed in the console on execution of the following JS code:

```
var array = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15];
var myArr = array.filter((v) => v % 3 === 0);

console.log(myArr);
```

A. myArr

B. [3, 6, 9, 12, 15]

C. [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15]

D. [1, 2, 4, 5, 7, 8, 10, 11, 13, 14]

18. What is the output? Why?

```
console.log([1, 2, 3] == [1, 2, 3]);
```

19. What is the output?

```
const arr1 = [1, 3, 5];
const arr2 = arr1;

console.log(arr1 === arr2);
```

A. true

B. false

C. error

D. time to time they are equal 😃

20. What is the output?

```
const arr1 = [1, 3, 5];
const arr2 = arr1;
arr1[0] = 100;
console.log(arr2);
```

A. [1, 3, 5

B. [100, 3, 5

C. error

D. []

21. What is the output?

```javascript
let arr1 = [1, 3, 5];
let arr2 = arr1;

arr1 = [2, 4, 6];

console.log(arr2);
```

A. [1, 3, 5

B. [2, 4, 5

C. error

D. []

Interview Questions   15m

1. How do callbacks work in JavaScript?

2. What Is Object Methods?

3. How do you check if an object is empty or not in Javascript?

4. What is closure?

5. Why are closures important in JavaScript?

Coding Challenge   15m

- JS-CC-07 Array Iterations

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Coffee Break   10m

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Video of the Week   10m

- 5 Reasons You should STOP write CSS and use Sass

Case study/Project   15m

- HC-07 SASS Website

Retro Meeting on a personal and team level   10m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

Closing   5m

-Next week's plan

-QA Session