TW-09 TEAM LEAD VERSION (Sprint-5 Week-2)

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 (Stay at home & Corona, 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

```javascript
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?

```
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. Which of the following is most suitable for a grid layout?

A. toolbar
B. menu
C. form
D. complex layout, like a newspaper

10. Which model defines structures similar to tables using 2 dimensions?

A. CSS Box model
B. CSS3 Grid Layout model
C. CSS3 Flexbox Box model
D. CSS float

11. You are creating a grid layout. What does 1fr mean in the following code?

```
grid-template-columns: 150px 150px 1fr 1fr;
```

A. The first two columns will be two fraction units of the stated width.

B. The third and fourth columns is 1 fraction unit of the remaining space in the grid.

C. The second column will be double the stated width.

D. The second column will be half of the remaining space in the grid.

12. What layout modules require containers? (select all that apply)

A. CSS Box model

B. CSS3 Grid Layout model

C. CSS3 Flexbox Box model

D. CSS float

13. How many columns and rows are defined in the following code?

```css
section {
  display: grid;

  grid-template-columns: 100px 1fr 1fr 250px;

  grid-rows: 50px 1fr 1fr;
}

section header {
  grid-column: 1 / 4;

  grid-row: 1;
}

section nav {
  grid-column: 1;

  grid-row: 2 / 3;
}

section article {
  grid-column: 2;

  grid-row: 2;
}

section aside {
  grid-column: 3;

  grid-row: 2;
}

section footer {
  grid-column: 1 / 4;

  grid-row: 3;
}
```

A. 1 rows and 2 columns

B. 2 rows and 3 columns

C. 3 rows and 2 columns

D. 3 rows and 4 columns

14. What kind of scoping does JavaScript use?

A. Literal

B. Lexical

C. Segmental

D. Sequential

15. 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]

16. What is the output? Why?

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

17. 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 😃

18. 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. []

19. What is the output?

```
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 a CSS Grid?

3. Why would you use CSS Grid instead of Flexbox?

Coding Challenge   15m

- JS-CC-07 Array Iterations

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Coffee Break   10m

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Video of the Week   10m

- JavaScript objects explained the visual way

Case study/Project   15m

- HC-07- Website-Page-Design

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