

TW-006 STUDENT VERSION (Sprint-4 Week-2)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

Teamwork Schedule

Ice-breaking

5m

- 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.

Team work

5m

- Ask what exactly each student does for the team, if they know each other, if they care for each other, if they follow and talk with each other etc.

Ask Questions

15m

1. Who is the inventor of SASS?

- A. James Gosling
- B. Guido van Rossum
- C. Misko Hevery
- D. Hampton Catlin

2. What are the key features for Sass include?

- A. Full CSS3-compatible
- B. Language extensions such as nesting, variables, and mixins
- C. Many useful functions for manipulating colors and other values
- D. All of the above

3. What is the correct way to define a variable in Sass?

- A. \$primary-color: #888
- B. @primary-color: #888
- C. %primary-color: #888
- D. #primary-color: #888

4. How do you find the minimum of x and y using JavaScript?

- A. min(x,y)
- B. Math.min(x,y)**
- C. Math.min(xy)
- D. min(xy)

5. Consider the following arrays. What gets logged in various sorting conditions?

```
const arr1 = ['a', 'b', 'c'];
const arr2 = ['b', 'c', 'a'];

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

- A. true, false, false
- B. true, true, true
- C. true, true, false**
- D. false, false, false

6. Let's display some notifications to our user! What gets logged in the following snippet?

```
const notifications = 1;

console.log(
  `You have ${notifications} notification${notifications !== 1 && 's'}`
);
```

- A. You have 1 notifications
- B. You have 1 notificationtrue
- C. You have 1 notificationfalse**
- D. None of them above

7. In the following problem, we use the Set object and spread syntax to create a new array. What gets logged (to consider: Are items forced to be unique? Are they sorted?)

```
const arr = [...new Set([3, 1, 2, 3, 4])];
console.log(arr.length, arr[2]);
```

- A. 5 3
- B. 5 2
- C. 4 3
- D. 4 2**

8. What's one difference between the `async` and `defer` attributes of the `HTML` script tag?

- A. The `defer` attribute can work synchronously.
- B. The `defer` attribute works only with generators.
- C. The `defer` attribute works only with promises.
- D. The `defer` attribute will asynchronously load the scripts in order.

9. Why might you choose to make your code asynchronous?

- A. to start tasks that might take some time without blocking subsequent tasks from executing immediately
- B. to ensure that tasks further down in your code are not initiated until earlier tasks have completed
- C. to make your code faster
- D. to ensure that the call stack maintains a LIFO (Last in, First Out) structure

10. Which of the following class styles a table as a nice basic table with just some light padding and horizontal dividers?

- A. `.table`
- B. `.table-striped`
- C. `.table-bordered`
- D. `.table-hover`

11. Which of the following class is used to create a button as a link in bootstrap?

- A. `.btn-hyperlink`
- B. `.btn-link`
- C. `.btn-anchor`
- D. None of these

12. Which Class Indicates A Dropdown Menu?

- A. `.dropdown`
- B. `.select`
- C. `.dropdown-list`
- D. `.dropup-list`

13. What is the difference between the `map()` and the `forEach()` methods on the `Array` prototype?

- A. There is no difference.
- B. The `forEach()` method returns a single output value, whereas the `map()` method performs operation on each value in the array.
- C. The `map()` method returns a new array with a transformation applied on each item in the original array, whereas the `forEach()` method iterates through an array with no return value.

D. The `forEach()` method returns a new array with a transformation applied on each item in the original array, whereas the `map()` method iterates through an array with no return value.

Interview Questions

15m

1. What are all the looping structures in JavaScript?
2. Explain the difference between `=="` and `===`?
3. What is the difference between an alert box and a confirmation box?
4. What is SASS and what are its uses?
5. How SASS is different from CSS?
6. What Bootstrap Package Includes?
7. What is Twitter Bootstrap?

Coding Challenge

20m

- [Digital Clock \(JS-06\)](#)



Coffee Break

10m



Video of the Week

10m

- [JavaScript Frameworks](#)

Retro Meeting on a personal and team level

5m

Ask the questions below:

- What went well?
- What went wrong?
- What is the improvement areas?

Case study/Project

15m

Case study should be explained to the students during the weekly meeting and has to be completed in one week by the students. Students should work in small teams to complete the case study.

- [Team Members Page](#)

Closing

5m

-Next week's plan

-QA Session
