

TW-006 TEAM LEAD 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

Answer: D

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

Answer: D

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

Answer: A

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)

Answer: B

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

Answer: C

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

Answer: C

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

Answer: D

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.

Answer: D

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

Answer: A

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

Answer: A

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

Answer: B

12. Which Class Indicates A Dropdown Menu?

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

Answer: A

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.

Answer: c

Interview Questions**15m****1. What are all the looping structures in JavaScript?**

Answer: Following are looping structures in Javascript:

- For
- While
- do-while loops

2. Explain the difference between "==" and "==="?

Answer: "==" checks only for equality in value whereas "===" is a stricter equality test and returns false if either the value or the type of the two variables are different.

3. What is the difference between an alert box and a confirmation box?

Answer: An alert box displays only one button which is the OK button.

But a Confirmation box displays two buttons namely OK and cancel.

4. What is SASS and what are its uses?

Answer: The SASS is useful in reducing the usage of CSS which will reduce the time and saves the code that in turn increases code reusability and reduces code redundancy. It provides own syntax for the CSS provides in

developing more efficient code. SASS is a superset of CSS which is easier to use and it contains all the features of CSS.

5. How SASS is different from CSS?

Answer: This is the common SASS Interview Questions asked in an interview.

CSS is Cascading Style Sheets whereas SASS is Syntactically Awesome Style Sheets and SASS is a superset of CSS and it contains all the features of CSS. SASS is a CSS pre-processor that will allow using the different operations and using variables, mixins, functions, imports and different kinds of loops. Any types of variables can be declared, defined and used. It will use nested syntax.

6. What Bootstrap Package Includes?

Answer: Scaffolding – Bootstrap provides a basic structure with Grid System, link styles, and background. This is covered in detail in the section Bootstrap Basic Structure

CSS – Bootstrap comes with the feature of global CSS settings, fundamental HTML elements styled and enhanced with extensible classes, and an advanced grid system. This is covered in detail in the section Bootstrap with CSS.

Components – Bootstrap contains over a dozen reusable components built to provide iconography, dropdowns, navigation, alerts, pop-overs, and much more. This is covered in detail in the section Layout Components.

JavaScript Plugins – Bootstrap contains over a dozen custom jQuery plugins. You can easily include them all, or one by one. This is covered in details in the section Bootstrap Plugins.

Customize – You can customize Bootstrap's components, LESS variables, and jQuery plugins to get your very own version.

7. What is Twitter Bootstrap?

Answer: Bootstrap is a sleek, intuitive, and powerful, mobile first front-end framework for faster and easier web development. It uses HTML, CSS and Javascript.

Bootstrap was developed by Mark Otto and Jacob Thornton at Twitter. It was released as an open source product in August 2011 on GitHub.

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](#)

The project will be solved in class on November 18.

Closing

5m

-Next week's plan

-QA Session
