

# TW-007 TEAM LEAD VERSION (Sprint-5 Week-1)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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

# Teamwork Schedule

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## 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 is the method in JavaScript used to remove the whitespace at the beginning and end of any string?**

- A. strip()
- B. trim()
- C. stripped()
- D. trimmed()

*Answer: B*

**9. Predict the output of the following JavaScript code.**

```
var x=5;  
var y=6;  
var res=eval("x*y");  
document.write(res);
```

- A. "30"
- B. 30
- C. 56
- D. "56"

*Answer: B*

**10. Who develop react.js?**

- A. Apple
- B. Facebook
- C. Twitter
- D. Google

*Answer: B*

**11. Everything in react is ... ?**

- A. Component
- B. Model
- C. Method
- D. Package

*Answer: A*

**12. React component can return how many components?**

- A. one
- B. two
- C. three
- D. Nmultiple

*Answer: D*

**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 is React?

- React is a front-end JavaScript library developed by Facebook in 2011.
- It follows the component based approach which helps in building reusable UI components.
- It is used for developing complex and interactive web and mobile UI.
- Even though it was open-sourced only in 2015, it has one of the largest communities supporting it.

## 7. What are the features of React?

Major features of React are:

- It uses the virtual DOM instead of the real DOM.
- It uses server-side rendering.
- It follows uni-directional data flow or data binding.

## Coding Challenge

20m

- [Js Check Triangle](#)



## Coffee Break

10m



## Video of the Week

10m

- [What do people do in Silicon Valley after work?](#)

## 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.**

- [React Tour Places Project](#)

The project will be solved in class on August 14. Our students are required to complete their own studies by this date.

## Closing

5m

-Next week's plan

-QA Session

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