

# TW-08 STUDENT VERSION

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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. \_\_\_\_\_ sets the style rule to different media types.\*

- A. @extend
- B. @import
- C. @debug
- ☒ D. @media

2. Which of the following directive is used to share rules and relationships between selectors?

- ☒ A. @extend
- D. @media
- C. @at-root
- D. None of the above

3. What are the benefits of using SASS?

- A. It is a pre-processing language which provides its own syntax for CSSwrong
- B. It is a superset of CSS which contains all the features of CSS and is an open source pre-processor, coded in Ruby
- C. It is more stable and powerful CSS extension and style documents more clearly and structurally
- ☒ D. All of the above

**4. In which year was SASS introduced?**

- A. 2005
- ☒ B. 2006
- C. 2008
- D. 2009

**5. Which of the following directive displays the SassScript expression value as fatal error?**

- ☒ A. @error
- B. @warn
- C. @at-root
- D. None of the above

**6. SASS was created by...**

- A. Linus Torvalds
- B. Brendan Eich
- ☒ C. Hampton Catlin
- D. Guido van Rossum

**7. In Sass, which of the following is the correct way to define a variable?**

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

**8. What is the output of this code block?**

```
let daltones = ['joe', 'Jack', 'Willam', 'Averell']
daltones.shift()
daltones.pop()
console.log(daltones)
```

- A. ['joe', 'Jack']
- B. []
- ☒ C. ['Jack', 'Willam']
- D. ['joe', 'Averell']

**9. What is the output of this code block?**

```
let daltones = ['joe', 'Jack', 'Willam', 'Averell']

for(let i =0; i< daltones.length; i++){
  if(i == 1){
    continue;
  }
  console.log(daltones[i]);
}
```

- A. Jack
- B. joe, Jack
- C. joe, Jack, Willam
- D. joe, Willam, Averell**

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

```
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']

**11. Write a for loop for iterate languages**

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

for (let i = 0; i < fullStack.languages.length; i++) {
  console.log(fullStack.languages[i]);
}

for(){
  //write your code here
}

//output : JavaScript, React, HTML
```

## 12. Write a code for get **fullStack** object's keys

```
let fullStack = {  
  languages: ["JavaScript", "React", "HTML"],  
  jira: true,  
  gitHub: true,  
  difficulty: 8,  
}  
  
for (let key in fullStack) {  
  console.log(key);  
}  
  
//write your code here  
  
//output : languages, jira, gitHub, difficulty
```

## 13. Write an age method to get myCar's age

```
const myCar = {  
  make : 'ford',  
  model : 'Mustang',  
  year : 1965,  
  color : 'Black'  
}  
  
myCar.age = new Date().getFullYear() - myCar.year;  
  
console.log(myCar.age);  
  
/* Write your code here  
myCar.age =  
  
*/  
myCar.age(2022) //Output: 57
```

## Interview Questions

**15m**

### 1. What Are The Number Methods in javaScript?

toFixed(), toPrecision(), toExponential(), valueOf(), toString()

### 2. What Is Javascript Date Object?

JavaScript Date objects represent a single moment in time in a platform-independent format.

### 3. What Are Date Methods?

getFullYear() getMonth() getDate() getDay() getHours() getMinutes() getSeconds()  
getMilliseconds() getTime()

#### 4. Explain how to define a variable in Sass?

First we assign a value to a name that begins with \$ , and then we can refer to that name instead of the value itself.

#### 5. Explain what is the difference between Sass and SCSS?

SassScript is itself a scripting language whereas SCSS is the main syntax for the SASS which builds on top of the existing CSS syntax

#### Coding Challenge

20m

- [Coding Challenge: Email Validator](#)
- 
- 



#### Coffee Break

10m



#### Video of the Week

5m

- [Object Destructuring in Javascript](#)

#### Retro Meeting on a personal and team level

5m

Ask the questions below:

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

#### Case study/Project

15m

- [Guess The Number](#)

## Closing

5m

-Next week's plan

-QA Session

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