

TW-004 STUDENT VERSION (Sprint-3 Week-1)



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 (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.

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

Answer: D

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

Answer: A

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

Answer: D

4. In which year was SASS introduced?

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

Answer: B

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

Answer: A

6. SASS was created by...

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

Answer: C

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;

Answer: D

8. How to define a new array consisting of the squares of the numbers in the given array?

```
let numbers = [10,15,20,30,40]
```

- A. `const newArray = numbers.filter(num => num**2);`
- B. `const newArray = numbers.map(num => num*num);`
- C. `const newArray = numbers.reduce(num);`
- D. `const newArray = numbers**2`

Answer: B

9. Make a new array with all of the words in the original array in uppercase.

```
let avengers = ['iron Man', 'captain america', 'Black widow', 'hulk']
```

- A. `const newArray = avengers.map(avenger => avenger.toUpperCase());`
- B. `const newArray = avengers.map(avenger.toUpperCase());`
- C. `const newArray = avengers.filter(avenger => AVENGER);`
- D. `const newArray = avengers.reduce(avenger.toUpperCase());`

Answer: A

10. Write a code to copy the array using `slice()`. The words `Iron Man` and `Captain America` should not appear in the new copy.

```
let avengers = ['Iron Man', 'Captain America', 'Black Widow', 'Hulk', 'Hawkeye']
```

- A. `const newArray = avengers.slice(2());`
- B. `const newArray = avengers.slice(-2)`
- C. `const newArray = avengers.slice(2)`
- D. `const newArray = avengers.slice()2;`

Answer: C

Interview Questions**15m****1. Explain the meaning of each of these CSS units for expressing length: cm/em/in/mm/pc/pt/px**

Answer: *cm - centimeters em - elements (i.e., relative to the font-size of the element; e.g., 2 em means 2 times the current font size) rem - Relative to font-size of the root element in - inches mm - millimeters pc - picas (1 pc = 12 pt = 1/6th of an inch) pt - points (1 pt = 1/72nd of an inch) px - pixels (1 px = 1/96th of an inch).*

2. What is a style sheet?

Answer: *A style sheet is used to build a consistent, transportable, and well-designed style template. You can add these templates on several different web pages. It describes the look and formatting of a document written in markup language.*

3. What are forms and how to create forms in HTML?

Answer: *The HTML form is used to collect the user inputs. HTML provides a `<form>` tag to create forms. To take input from the user we use the `<input>` tag inside the form so that all collected user data can be sent to the server for processing. There are different input types like 'button', 'checkbox', 'number', 'text', 'password', 'submit' etc..*

4. Explain what is the difference between Sass and SCSS?

The difference between Sass and SCSS is that,

Sass is a CSS pre-processor with syntax advancements and an extension of CSS3. Sass has two syntaxes. The first syntax is "SCSS" and it uses the .scss extension. The other syntax is indented syntax or just "Sass" and it uses the .sass extension. While Sass has loose syntax with white space and no semicolons, the SCSS resembles more to CSS. Any CSS valid document can be converted to Sass by simply changing the extension from .CSS to .SCSS.

5. Explain how to define a variable in Sass?

Answer: Sass variables are simple: you assign a value to a name that begins with (\$), and then you can refer to that name instead of the value itself.

```
$base-color: #c6538c
$border-dark: rgba($base-color, 0.88)

.alert
  border: 1px solid $border-dark
```

Coding Challenge

20m

- [Coding Challenge: Merge Arrays](#)



Coffee Break

10m



Video of the Week

5m

- [Sass in 100 Seconds?](#)
- [What's new in Bootstrap 5?](#)

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

- [Checkout Page](#)

Closing

5m

-Next week's plan

-QA Session
