

TW-004 TEAM LEAD 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. When is the `<link>` tag used?

- A. When linking style sheets, JavaScript, and icons for mobile apps
- B. When linking style sheets, favicons, and preloading assets
- C. When linking style sheets and favicons
- D. When linking style sheets, external URLs, and favicons

Answer: C

2. The "value" attribute is associated with which set of tags?

- A. `<button><input><form>`
- B. `<input><label><meter>`
- C. `<input><option><textarea>`
- D. `<input><option>`

Answer: D

3. When should you use `` and `` elements?

- A. Use `` when you want a bulleted list and `` when you want a numbered list
- B. Use `` when you have a list of items in which the order of the items matters. Use `` when you have a list of items that could go in any order.
- C. Use `` when you want a bulleted list and `` when you want a numbered list.

D. Use `` when you have a list of items in which the order of the items matters. Use `` when you have a list of items that could go in any order.

Answer: D

4. What is the difference between the `<div>` and `` tags?

- A.** `<div>` is used where a generic block-level tag is needed, while `` is used where a generic inline tag is needed.
- B.** `<div>` is used for major divisions on a page, while `` is used to span across columns.
- C.** `<div>` is the industry-standard default tag, but you could use `` if you prefer.
- D.** `<div>` is used where a generic inline tag is needed, while `` is used where a generic block-level tag is needed.

Answer: A

5. You need to match a time value such as 12:00:32. Which of the following regular expressions would work for your code?

- A.** `/[0-9]{2},:[0-9]{2},:[0-9]{2,}/`
- B.** `^d\d:d\d:d\d\d/`
- C.** `/[0-9]+:[0-9]+:[0-9]+/`
- D.** `/ : : /`

Answer: B

6. How would you reference the text 'avenue' in the code shown?

```
let roadTypes = ['street', 'road', 'avenue', 'circle'];
```

- A.** `roadTypes.2`
- B.** `roadTypes[3]`
- C.** `roadTypes.3`
- D.** `roadTypes[2]`

Answer: D

7. What is the result of running this statement?

```
console.log(typeof(42));
```

- A. float
- B. value
- C. number
- D. integer

Answer: C

8. When would you use a conditional statement?

- A. When you want to reuse a set of statements multiple times.
- B. When you want your code to choose between multiple options
- C. When you want to group data together
- D. When you want to loop through a group of statement

Answer: B

9. What would be the result in the console of running this code?

```
for (var i=0; i<5; i++){  
  console.log(i);  
}
```

- A. 12345
- B. 1234
- C. 021345
- D. 01234

Answer: D

10. Which Variable-defining keyword allows its variable to be accessed (as undefined) before the line that defines it?

- A. var
- B. let
- C. const
- D. all of them

Answer: A

11. Which of the following values is not a Boolean false?

- A. Boolean(0)
- B. Boolean("")
- C. Boolean(NaN)
- D. Boolean("false")

Answer: D

12. What will the value of y be in this code:

```
const x = 6 % 2;  
const y = x ? 'One' : 'Two';
```

- A. One
- B. undefined
- C. TRUE
- D. Two

Answer: D

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. In JavaScript, what are the scopes of a variable?

Answer: Scope of a variable means the region of your program within which it is defined. There are two scopes:

- Global Variables: A global variable has a global scope meaning that it will be visible everywhere within your code.
- Local Variables: Local variables will only be visible within the function in which it has been defined.

5. What is the Different between Null and Undefined?

*Answer: Both null and undefined have an empty value, but the difference between these two is:

- In undefined case, we don't assign a value for the variable.
- In the null case, we assign a zero value to the variable.*

6. Which company developed JavaScript?

Answer: Netscape is the software company who developed JavaScript.

7. What is a prompt box?

Answer: A prompt box is a box which allows the user to enter input by providing a text box. Label and box will be provided to enter the text or number.

Coding Challenge

20m

There will be no coding challenge this week. Students will focus on the solution of their projects.



Coffee Break

10m



Video of the Week

5m

- [Popular JavaScript Libraries](#)

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

This week's Projects will be announced on Saturday.

Closing

5m

-Next week's plan

-QA Session
