

TW-009 TEAM LEAD VERSION (Sprint-6 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 (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. Which of the following bootstrap style of image adds a bit of padding and a gray border?

- A. .img-rounded
- B. .img-circle
- C. .img-thumbnail
- D. None of the above.

Answer: C

2. Which of the following is correct about data-html Data attribute of Tooltip Plugin?

- A. Applies a CSS fade transition to the tooltip.
- B. Inserts HTML into the tooltip. If false, jQuery's text method will be used to insert content into the dom.
- C. Specifies how to position the tooltip (i.e., top|bottom|left|right|auto).
- D. Delegates to the specified targets.

Answer: B

3. Which of the following is correct about data-trigger Data attribute of popover Plugin?

- A. Sets the default title value if the title attribute isn't present.
- B. Defines how the popover is triggered.
- C. Defines default content value if data-content attribute isn't present.
- D. Delays showing and hiding the popover in ms.

Answer: B

4. Which plugin is used to cycle through elements, like a slideshow?

- A. orbit
- B. scrollspy
- C. slideshow
- D. carousel

Answer: D

5. How does a function create a closure?

- A. It reloads the document whenever the value changes.
- B. It returns a reference to a variable in its parent scope.
- C. It completes execution without returning.
- D. It copies a local variable to the global scope.

Answer: B

6. Which property references the DOM object that dispatched an event?

- A. self
- B. object
- C. target
- D. source

Answer: C

7. How does the `forEach()` method differ from a `for` statement?

- A. `forEach` allows you to specify your own iterator, whereas `for` does not.
- B. `forEach` can be used only with strings, whereas `for` can be used with additional data types.
- C. `forEach` can be used only with an array, whereas `for` can be used with additional data types.
- D. `for` loops can be nested; whereas `forEach` loops cannot.

Answer: C

8. 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: B

9. How do you fix the syntax error that results from running this code?

```
const person =(firstName, lastName) =>
{
    first: firstName,
    last: lastName
}
console.log(person("Jill", "Wolson"))
```

- A. Wrap the object in parentheses
- B. Call the function from another file
- C. Add a return statement before the first curly brace
- D. Replace the with an array

Answer: A

10. Using object literal enhancement, you can put values back into an object. When you log person to the console, what is the output?

```
const name = "Rachel";
const age = 31;
const person = {name, age }
console.log(person)
```

- A. {{name: "Rachel", age: 31}}
- B. {name: "Rachel", age: 31}
- C. {person: "Rachel", person: 31}
- D. {person: {name: "Rachel", age: 31}}

Answer: B

Interview Questions

15m

1. Explain why Bootstrap is preferred for website development.

Bootstrap has better features as compared to other web development platforms. It provides extensive browser support for almost every known browser such as Opera, Chrome, Firefox, Safari, etc. If you are well-acquainted with CSS and HTML, web development becomes easy on Bootstrap.

2. What is Bootstrap Grid System?

Bootstrap includes a responsive, mobile-first fluid grid system that appropriately scales up to 12 columns as the device or viewport size increases. It includes predefined classes for easy layout options, as well as powerful mixins for generating more semantic layouts.

3. What is Pair-Programming?

Answer: Pair Programming refers to one of the fundamental aspects of extreme programming wherein two Developers work on the same terminal. The Developer responsible for writing the code is the “driver,” whereas the Developer who reviews the code is called the “navigator.”

4. What's your favorite language, and why?

Answer: Usually, interviewers ask this question at the beginning of the interview to get candidates warmed for the entire interview process. This question helps them assess their inclination towards working with multiple programming languages. Since Full Stack Developers are required to work with multiple technologies and applications, they must be well-versed in at least two or three programming languages, including the most trending ones (Java, Python, R, etc.). So, if you answer this question blatantly stating your love for just one programming language, it is a red flag for the interviewer. Even if you haven't mastered multiple programming languages, interviewers love candidates who are open to learning and experimenting with new languages.

5. What is the difference between ShadowDOM and VirtualDOM?

Answer: The Shadow DOM is a browser technology designed primarily for scoping variables and CSS in web components. The virtual DOM is a concept implemented by libraries in JavaScript on top of browser APIs.

Coding Challenge

20m

- [Coding Challenge: JS-04 : Digital Clock](#)



Coffee Break

10m



Video of the Week

5m

- [Day in the Life: Full-Stack Developer](#)

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.

- [Project-014 Team Member Page](#)
- [Project-015 Random User App](#)

Closing

5m

-Next week's plan

-QA Session
