

TW-008 STUDENT 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. What's one difference between the `async` and `defer` attributes of the `HTML` script tag?

- A. The `defer` attribute can work synchronously.
- B. The `defer` attribute works only with generators.
- C. The `defer` attribute works only with promises.
- D. The `defer` attribute will asynchronously load the scripts in order.

2. 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

3. Which method cancels event default behavior?

- A. `cancel()`
- B. `stop()`
- C. `preventDefault()`
- D. `prevent()`

4. Which method do you use to attach one DOM node to another?

- A. JattachNode()
- B. getNode()
- C. querySelector()
- D. appendChild()

5. If you attempt to call a value as a function but the value is not a function, what kind of error would you get?

- A. TypeError
- B. SystemError
- C. SyntaxError
- D. ELogicError

6. Which method is called automatically when an object is initialized?

- A. create()
- B. new()
- C. constructor()
- D. init()

7. You've written the event listener shown below for a form button, but each time you click the button, the page reloads. Which statement would stop this from happening?

```
button.addEventListener(  
  'click',  
  function (e) {  
    button.className = 'clicked';  
  },  
  false,  
);
```

- A. e.blockReload();
- B. button.preventDefault();
- C. button.blockReload();
- D. e.preventDefault();

8. Which class-based component is equivalent to this function component?

```
const Greeting = ({ name }) => <h1>Hello {name}!</h1>;
```

- A. `class Greeting extends React.Component { render() { return <h1>Hello {this.props.name}!</h1>; } }`
- B. `class Greeting extends React.Component { constructor() { return <h1>Hello {this.props.name}!</h1>; } }`

- C. `class Greeting extends React.Component { <h>Hello {this.props.name}!</h>; } }`
- D. `class Greeting extends React.Component { render({ name }) { return <h1>Hello {name}!</h1>; } }`

9. What is wrong with this code?

```
const foo = {  
  bar() {  
    console.log('Hello, world!');  
  },  
  name: 'Ryan',  
  age: 26,  
};
```

- A. The function bar needs to be defined as a key/value pair.
- B. Trailing commas are not allowed in JavaScript.
- C. Functions cannot be declared as properties of objects
- D. Nothing, there are no errors.

10. What is the difference between the map() and the forEach() methods on the Array prototype?

- A. There is no difference.
- B. The `forEach()` method returns a single output value, whereas the `map()` method performs operation on each value in the array.
- C. The `map()` method returns a new array with a transformation applied on each item in the original array, whereas the `forEach()` method iterates through an array with no return value.
- D. The `forEach()` method returns a new array with a transformation applied on each item in the original array, whereas the `map()` method iterates through an array with no return value.

Interview Questions

15m

1. What is Twitter Bootstrap?

2. What Bootstrap Package Includes?

3. How React works? How Virtual-DOM works in React?

4. What is JSX?

5. What is ReactDOM and what is the difference between ReactDOM and React?

Coding Challenge

20m

- [Coding Challenge: JS-CC-014 Bracket Validator](#)



Coffee Break

10m



Video of the Week

5m

- [What is React?](#)

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 Project-001 Tour-Places\(RC-01\)](#)

Closing

5m

-Next week's plan

-QA Session
