

# TW-011 STUDENT VERSION (Sprint-6 Week-2)

---



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. When using the React Developer Tools Chrome extension, what does it mean if the React icon is red?

- A. You are using the development build of React.
- B. You are using the production build of React.
- C. You are using webpack.
- D. You are using Create React App.

### 2. Which language can you not use with React?

- A. JSX
- B. Swift
- C. Javascript
- D. TypeScript

### 3. What pattern is being used in this code block?

```
const { tree, lake } = nature;
```

- A. function defaults
- B. array destructuring
- C. PRPL pattern
- D. destructuring assignment

4. This code is part of an app that collects Pokemon. The `useState` hook below is a piece of state holding onto the names of the Pokemon collected so far. How would you access the collected Pokemon in state?

```
const PokeDex = (props) => {  
  const [pokeDex, setPokeDex] = useState([]);  
  /// ...  
};
```

- A. `props.pokeDex`
- B. `pokeDex`
- C. `setPokeDex()`
- D. `this.props.pokeDex`

5. How would you correct this code block to make sure that the `sent` property is set to the Boolean value `false`?

```
ReactDOM.render(  
  <Message sent=false />,  
  document.getElementById("root")  
)
```

- ☐ A

```
ReactDOM.render(<Message sent="false" />, document.getElementById('root'));
```

- ☐ B

```
<Message sent="false" />,
```

- ☐ C

```
<Message sent={false} />,
```

- ☐ D

```
ReactDOM.render(<Message sent="false" />, document.getElementById('root'));
```

**6. In this function, which is the best way to describe the Dish component?**

```
function Dish() {  
  return (  
    <>  
    <Ingredient />  
    <Ingredient />  
  </>  
  );  
}
```

- A. child component
- B. parent component
- C. nested component
- D. sibling component

**7 When does the componentDidMount function fire?**

- A. right after the component is added to the DOM
- B. before the component is added to the DOM
- C. right after the component is updated
- D. right after an API call

**8 Why is it a good idea to pass a function to `setState` instead of an object?**

- A. It provides better encapsulation.
- B. It makes sure that the object is not mutated.
- C. It automatically updates a component.
- D. `setState` is asynchronous and might result in out of sync values.

**9 How do you add an id of heading to the following h1 element?**

- A. `let dish = <h1 id={heading}>Mac and Cheese</h1>;`
- B. `let dish = <h1 id="heading">Mac and Cheese</h1>;`
- C. `let dish = <h1 id:"heading">Mac and Cheese</h1>;`
- D. `let dish = <h1 class="heading">Mac and Cheese</h1>;`

**10. React separates the user interface into components. How are components combined to create a user interface?**

- A. With code splitting
- B. By putting them in a folder structure
- C. By nesting components
- D. With webpack

## Interview Questions

15m

1. Why you can't update props in React?
2. What are default props?
3. What is the difference between createElement and cloneElement?

## Coding Challenge

20m

- [Random User App](#))



## Coffee Break

10m



## Video of the Week

5m

- [Redux or Context in 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

- Random User App v2

## Closing

5m

-Next week's plan

-QA Session

---