

# TW-14 STUDENT VERSION

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

# Teamwork Schedule

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## Ice-breaking

10m

- 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.

## Ask Questions

15m

### 1. What is the name of React.js Developer ?

- A. Tim Berners-Lee
- B. Jordan Walke
- C. Brendan Eich
- D. Linus Torvalds

### 2. What is `[e.target.id]` called in the following code snippet?

```
handleChange(e) {  
  this.setState({ [e.target.id]: e.target.value })  
}
```

- A. a computed property name
- B. a set value
- C. a dynamic key
- D. a JSX code string

### 3. Which is used to update the state?

- A. setInitialNumber
- B. setNewNumber
- C. setNumber
- D. setState

**4. What is `setCount`?**

```
const [count, setCount] = useState(0);
```

- A. the initial state value
- B. a variable
- C. a state object
- D. a function to update the state

**5. Which of the following is NOT a rule for React Hooks?**

- A. Hooks cannot be conditional
- B. Hooks can only be called at the top level of a component
- C. Hooks can only be called in inside React function components
- D. Hooks can be called in class or function components

**6. What is ReactJS mainly used for building?**

- A. Database
- B. Application
- C. User Interface
- D. Design Platform

**7. Filter Map and Reduce operation is way to:**

- A. Un-compress and expand data.
- B. Create new immutable dataset.
- C. Crunch and analyze the data
- D. All of them

**8. What is the first file loaded by the browser in a basic React project?**

- A. `src/App.js`
- B. `src/index.js`
- C. `public/manifest.json`
- D. `public/index.html`

**9. Identify the smallest building block of React.JS.**

- A. Props
- B. States
- C. Components
- D. Elements

**10. What is the correct syntax to import a Component from React?**

- A. import Component from 'react'
- B. import { Component } from 'react'
- C. import [ Component ] from 'react'
- D. import React.Component from 'react'

**11. Which props from the props object is available to the component with the following syntax?**

```
<Message {...props} />
```

- A. any that have not changed
- B. child props
- C. any that have changed
- D. all of them

**12. What is wrong with this code?**

```
const MyComponent = ({ names }) => (  
  <h1>Hello</h1>  
  <p>Hello again</p>  
);
```

- A. React does not allow components to return more than one element.
- B. React components cannot be defined using functions.
- C. The component needs to use the return keyword.
- D. String literals must be surrounded by quotes.

**13. In MVC, what does React.js act as?**

- A. Model
- B. View
- C. Controller
- D. all of them

**Interview Questions****15m****1. How often does the React useState update? Why?**

2. What is the difference between the ES6 and ES5 standards for React?

3. Why is there a need for using keys in Lists?

4. What are the components in React?

5. What is an event in React?

## Coding Challenge

15m

- [RC-CC-03 Task Tracker](#)



## Coffee Break

10m



## Video of the Week

10m

- [React State Vs Props](#)

## Case study/Project

15m

- [RP-06 React Sass Project](#)
- [RP-07 Recipe App](#)
  - Different version of this project will be solved on next Tuesday and Wednesday.

## Retro Meeting on a personal and team level

10m

Ask the questions below:

- What went well?
  - What could be improved?
  - What will we commit to do better in the next week?
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## Closing

5m

-Next week's plan

-QA Session

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