

# STUDENT VERSION (Week-11)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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

# Teamwork Schedule

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## 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. If you want to import just the Component from the React library, what syntax do you use?**

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

**2. If a function component should always render the same way given the same props, what is a simple performance optimization available for it?**

- A. Wrap it in the React.memo higher-order component
- B. Implement the useReducer Hook
- C. Implement the useMemo Hook
- D. Implement the shouldComponentUpdate lifecycle method

**3. 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"))
```

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- 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

4. If you see the following import in a file, what is being used for state management in the component?

```
import React, {useState} from 'react';
```

- A. React Hooks
- B. stateful components
- C. math
- D. class components

5. 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}}

6. What is the testing library most often associated with React?

- A. Mocha
- B. Chai
- C. Sinon
- D. Jest

7. To get the first item from the array ("cooking") using array destructuring, how do you adjust this line?

```
const topics = ["cooking", "art", "history"]
```

- A. `const first = ["cooking", "art", "history"]`
- B. `const [] = ["cooking", "art", "history"]`
- C. `const [, first] = ["cooking", "art", "history"]`
- D. `const [first] = ["cooking", "art", "history"]`

**8. How do you handle passing through the component tree without having to pass props down manually at every level?**

- A. React Send
- B. React Pinpoint
- C. React Router
- D. React Context

## Interview Questions

15m

**1. How React works? How Virtual-DOM works in React?**

**2. What is JSX?**

**3. What is ReactDOM and what is the difference between ReactDOM and React?**

## Coding Challenge

20m

- [Coding Challenge: JS-CC-007 : Space Age](#)

## Video of the Week

5m

- [How to prepare for an interview](#)

## 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-013](#)

## Closing

5m

-Next week's plan

-QA Session

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