

# TW-013 STUDENT VERSION (Sprint-8 Week-1)

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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 (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 is the testing library most often associated with React?

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

### 2. 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

### 3. Why is it important to avoid copying the values of props into a component's state where possible?

- A. because you should never mutate state
- B. because `getDerivedStateFromProps()` is an unsafe method to use
- C. because you want to allow a component to update in response to changes in the props
- D. because you want to allow data to flow back up to the parent

**4. Choose the statement that best applies to a function.**

- A. A function can take zero or more more inputs but only give one output
- B. A function takes one input and gives one output
- C. A function takes no input and give one or more outputs
- D. A function can take any number of inputs and gives none, one or more output

**5. Which of these terms commonly describe React applications?**

- A. declarative
- B. integrated
- C. closed
- D. imperative

**6. When using webpack, why would you need to use a loader?**

- A. to put together physical file folders
- B. to preprocess files
- C. to load external data
- D. to load the website into everyone's phone

**7. What do you call a React component that catches JavaScript errors anywhere in the child component tree?**

- A. error bosses
- B. error catchers
- C. error helpers
- D. error boundaries

**8. React components are composed to create a user interface. How are components composed?**

- A. by putting them in the same file
- B. by nesting components
- C. with webpack
- D. with code splitting

**9. Which of the following network component's definition is incorrect?**

- A. File Server - Stores and manages files
- B. Mail Server - It's the network's post office; handles email functions
- C. Print Server - Manages application servers on the network
- D. Proxy Server - Handles tasks in the place of other machines on the network, particularly an internet connection.

**10. Which one is not one of the Physical Network Topologies?**

- A. Bus
- B. Ring
- C. Point-to-end
- D. Hybrid

**Interview Questions****15m****1. What is `create-react-app`?****2. What is React `useContext`?****3. What are fragments in React?****4. When/why do you need to use keys on elements?****5. Are you a full-stack developer, or a front-end developer?****6. What is a Computer Network?****Coding Challenge****20m**

- [Coding Challenge: JS-CC-010 Lottery Game](#)

**Coffee Break****10m**

## Video of the Week

5m

- [CODING INTERVIEWS 101 □□□ \(Prepare For A Coding Interview\)](#)

## 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 will be explained in class on Thursday.

## Closing

5m

-Next week's plan

-QA Session

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