STUDENT VERSION (Week-12)

TEAMWORK

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 (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. What should the console read when the following code is run?

```
const [, , animal] = ["Horse", "Mouse", "Cat"]
console.log(animal)
```

A. Horse
B. Cat
C. Mouse
D. undefined

2. What is the name of the tool used to take JSX and turn it into createElement calls?

A. JSX Editor
B. ReactDOM
C. Browser Buddy
D. Babel

3.Why might you use useReducer over useState in a React component?

A. when you want to replace Redux
B. when you need to manage more complex state in an app

C. when you want to improve performance

D. when you want to break your production app

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

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

A. any that have not changed

B. all of them

C. child props

D. any that have changed

5. Consider the following code from React Router. What do you call :id in the path prop?

```
<Route path="/:id" />
```

A. This is a route modal

B. This is a route parameter

C. This is a route splitter

D. This is a route link

6. What property do you need to add to the Suspense component in order to display a spinner or loading state?

```
function MyComponent() {
  return (
    <Suspense>
        <div>
            <Message />
        </div>
    </Suspense>
    );
}
```

A. lazy

B. loading

C. fallback

D. spinner

7. If you created a component called Dish and rendered it to the DOM, what type of element would be rendered?

```
function Dish() {
  return <h1> Mac and Cheese</h1>;
}

ReactDOM.render(
    <Dish />,
    document.getElementById('root')
)
```

A. div

B. section

C. component

D. h1

8. What does this React element look like given the following function?

```
React.createElement(
    "h1",
    null,
    "What's happening?"
);
```

A.

```
<h1 props={null}>What's happening?</h1>
```

B.

```
<h1>What's happening?</h1>
```

C.

```
<h1 id="component">What's happening?</h1>
```

D.

```
<h1 id="element">What's happening?</h1>
```

Interview Questions   15m

1. What are controlled components?

2. What is a higher order component?

3. How Virtual-DOM is more efficient than Dirty checking?

Coding Challenge   20m

- Coding Challenge: JS-CC-007 : Check Triangle

Video of the Week   5m

- What to do in 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

- Project-013

Closing   5m