TW-010 STUDENT VERSION (Sprint-6 Week-1)

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 (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. You are rendering a list with React when this warning appears in the console: "Warning: Each child in a list should have a unique 'key' prop." How do you fix this issue?

A. Pass the name of each item as its key.
B. Add a key prop with the same value to each item the list.
C. Clear the console warnings.
D. When iterating over the list items, add a unique property to each list item.

2. What does myApp refer to in the following command?

```
npx create-react-app myApp
```

A. The type of app to create
B. The directory to create the new app in
C. The name you want to use for the new app.
D. A reference to an existing app.

3. 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

4. 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

5.What is the default local host port that a React development server uses?

A. 2000
B. 3000
C. 8080
D. 5000

6. A copy of the 'real' DOM that is kept in memory is called what?

A. Virtual DOM
B. React DOM
C. DOM
D. Shadow DOM

7. 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'

8. 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

9. What is wrong in this code?

```
function car({make, model}) {
  return <h1>{make} {model}</h1>;
};
```

A. Add parenthesis around the return value.

B. The first letter of the function must be capitalized

C. Wrap the return in a fragment

D. Remove the return statement

10. 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.

Interview Questions   15m

1. What is JSX?

2. Can web browsers read JSX directly?

3. What is the virtual DOM?

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

5. What are the components in React?

Coding Challenge   20m

- Coding Challenge: JS-CC-09 : Palindromic and Perfect Numbers Lists

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Coffee Break   10m

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Video of the Week   5m

- [What NOT 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

- [Language Cards (RP-02)](#)
  Solution : Saturday, 15 Oct 2022

- [Task Tracker (RP-03)](#)
  Office Hours : Wednesday, 19 Oct 2022
  Solution : Thursday, 20 Oct 2022

Closing   5m

-Next week's plan

-QA Session