

TW-012 STUDENT VERSION (Sprint-7 Week-1)



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. The lifecycle methods are mainly used for __.?

- A. keeping track of event history
- B. enhancing components
- C. freeing up resources
- D. none of the above

2. ___ can be done while multiple elements need to be returned from a component.

- A. Abstraction
- B. Packing
- C. Insulation
- D. Wrapping

3. What will happen if the following render() method executes?

```
render(){  
  let langs = ["Ruby","ES6","Scala"]  
  return (<div>  
    {langs.map(it => <p>{it}</p>)}  
  </div>)  
}
```

- A. Displays the list of languages in the array
- B. Error. Cannot use direct JavaScript code in JSX
- C. Displays nothing
- D. Error. Should be replaced with a for..loop for correct output

4. What is the functionality of a `webpack` command?

- A. Transfers all JS files to down into one file
- B. A module builder
- C. Runs react local development server
- D. None of the above

5. Which hook is used to prevent a function from being recreated on every component render?

- A. `useRef`
- B. `useCallback`
- C. `useTransition`
- D. `useMemo`

6. Why should you use React Router's `Link` component instead of a basic `<a>` tag in React?

- A. The link component allows the user to use the browser's `Back` button.
- B. There is no difference--the `Link` component is just another name for the `<a>` tag.
- C. The `<a>` tag will cause an error when used in React.
- D. The `<a>` tag triggers a full page reload, while the `Link` component does not.

7 Consider the following component. What is the default color for the star?

```
const Star = ({ selected = true }) => <Icon color={selected ? 'red' : 'grey'} />;
```

- A. You can not use ternaries in React.
- B. white
- C. red
- D. grey

8 You have added a `style` property to the `h1` but there is an unexpected token error when it runs. How do you fix this?

```
const element = <h1 style={ backgroundColor: "blue" }>Hi</h1>;
```

- A. `const element = <h1 style={{backgroundColor: "blue"}}>Hi</h1>;`
- B. `const element = <h1 style="backgroundColor: "blue">Hi</h1>;`
- C. `const element = <h1 style={blue}>Hi</h1>;`
- D. `const element = <h1 style="blue">Hi</h1>;`

9 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

10. 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

Interview Questions**15m****1. What is React Router?****2. How does browser history work in React Router?****3. What is nested routing?****4. What do you understand about the 'to' attribute in React Router?**

Coding Challenge

20m

- [Web Site with React Router](#)



Coffee Break

10m

Video of the Week

5m

- [Basics of React Router](#)

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

- [Recipe App \(RP-05\)](#)

Closing

5m

-Next week's plan

-QA Session
