

STUDENT VERSION (Week-14)



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	
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- 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	
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- 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	
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1. What can you use to handle code splitting?

- A. React.memo
- B. React.split
- C. React.lazy
- D. React.fallback

2. When do you use `useLayoutEffect`?

- A. to optimize for all devices
- B. to complete the update
- C. to change the layout of the screen
- D. when you need the browser to paint before the effect runs

3. What is the difference between the click behaviors of these two buttons (assuming that `this.handleClick` is bound correctly)?

- X. `<button onClick="{this.handleClick}>Click Me</button>`
- Y. `<button onClick="{event => this.handleClick(event)}>Click Me</button>`

- A. Button X will not have access to the event object on click of the button.
- B. Button Y will not fire the handler `this.handleClick` successfully.
- C. Button X will not fire the handler `this.handleClick` successfully.
- D. There is no difference

4. How do you destructure the properties that are sent to the Dish component?

```
function Dish(props) {  
  return (  
    <h1>  
      {props.name} {props.cookingTime}  
    </h1>  
  );  
}
```

- A. `function Dish([name, cookingTime]) { return <h1>{name} {cookingTime}</h1>; }`
- B. `function Dish({name, cookingTime}) { return <h1>{name} {cookingTime}</h1>; }`
- C. `function Dish(props) { return <h1>{name} {cookingTime}</h1>; }`
- D. `function Dish(... props) { return <h1>{name} {cookingTime}</h1>; }`

5. When might you use `React.PureComponent`?

- A. when you do not want your component to have props
- B. when you have sibling components that need to be compared
- C. when you want a default implementation of `shouldComponentUpdate()`
- D. when you do not want your component to have state

6. 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

7. What is the `children` prop?

- A. a property that adds child components to state
- B. a property that lets you pass components as data to other components
- C. a property that lets you set an array as a property
- D. a property that lets you pass data to child elements

8. Which attribute do you use to replace `innerHTML` in the browser DOM?

- A. injectHTML
- B. dangerouslySetInnerHTML
- C. weirdSetInnerHTML
- D. strangeHTML

Interview Questions	15m	
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1. What is a higher order component?

2. What is `create-react-app`?

3. What is Redux?

Coding Challenge	20m	
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- [Coding Challenge: JS-CC-009 : Convert Numbers](#)

Video of the Week	5m	
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- [What NOT to do in an Interview](#)

Retro Meeting on a personal and team level	5m	
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Ask the questions below:

- What went well?
- What went wrong?

- What is the improvement areas?

Case study/Project	15m	
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This week, there will only be in-class projects.

Closing	5m	
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-Next week's plan

-QA Session
