

# TW-016 GROUP VERSION

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ Coding Challenge
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

## Workshop Activities

90m

## Ask Questions

30m

### 1. React Context makes it easier to do which of the following?

- A. Pass data to different components
- B. Update components
- C. Reuse components
- D. Create components

### 2. What is required to use React Context?

- A. A ContextProvider component
- B. A ContextConsumer component
- C. A ContextProvider and a ContextConsumer component
- D. A ContextProvider, a ContextConsumer, and a component that is connected to a ContextProvider

### 3. What does a ContextProvider component provide?

- A. A way to bind data to context
- B. A way to get data from context
- C. A way to create context
- D. A way to update context

### 4. What does a ContextConsumer component provide?

- A. A way to get data from context
- B. A way to create context
- C. A way to update context
- D. A way to bind data to context

### 5. How do you pass parameters in React Router?

- A. By using the <Params> component
- B. By passing them as props to the <Route> component
- C. By using the <Parameters> component
- D. None of the above

**6. Which method is used to create a new Context in React?**

- A. createContext()
- B. newContext()
- C. makeContext()
- D. useContext()

**7. How can you access data from the Context within a functional component?**

- A. Using the this.context object
- B. Importing the Context directly into the component
- C. Utilizing the useContext hook
- D. None of the above

**8. What are Styled Components in React?**

- A. Components that allow you to create custom styles for React components using CSS classes
- B. Components that allow you to create custom styles for React components using inline styles
- C. Components that allow you to create custom styles for React components using CSS-in-JS
- D. Components that allow you to create custom styles for React components using SASS

**9. How do you create a styled component in React?**

- A. By defining a new CSS class and passing it to the component as a prop
- B. By defining a new styled component using the styled() function provided by the Styled Components library
- C. By using the <StyledComponent> component provided by React Styled Components
- D. By defining a new React component and passing it to the styled() function as an argument

**10. How do you pass props to a styled component in React?**

- A. By using the props object inside the CSS template literal
- B. By passing them as props to the component rendered by the styled component
- C. By using the \${props => ...} syntax inside the CSS template literal
- D. All of the above

**11. What are the benefits of using Styled Components in React?**

- A. It allows you to write cleaner and more maintainable CSS code
- B. It provides better performance and smaller bundle sizes compared to traditional CSS stylesheets
- C. It allows you to create reusable and composable styles for React components
- D. All of the above

**12. What is the purpose of the "ThemeProvider" component in Styled Components?**

- A.** It allows you to define a global theme object that can be used in your styled components
- B.** It allows you to define custom CSS properties that can be used in your styled components
- C.** It allows you to define global CSS rules that apply to all components in your application
- D.** It allows you to define custom CSS animations that can be used in your styled components

**13. What is the output?**

```
const numbers = [33, 2, 8];  
numbers.sort();  
console.log(numbers[1])
```

- A.** 8
- B.** 2
- C.** 33
- D.** 1

## Teamwork Schedule

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**Ice-breaking****10m**

- 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.

**Interview Questions****30m****1. What issues does the React Context API solve?****2. Why are components created in React, and what is the rationale behind their creation?****3. What is a Hook in React, and what is its purpose?**

4. If there are 5 nested components, how do you pass data from the parent component to the bottom-most child component where the data is held in the state?

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Coffee Break 10m



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Video of the Week 10m

- [React Context](#)

Retro Meeting on a personal and team level 10m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

Closing 5m

- Next week’s plan
- QA Session

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