TW-012 STUDENT VERSION

TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

▶ Icebreaking

▶ Questions

▶ Interview Questions

▶ Coffee Break

▶ 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. 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

Interview Questions 15m

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?

Coding Challenge 15m

- RC-CC-04 Film Info

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Coffee Break 10m

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Video of the Week 10m

- Install Tailwind CSS for React

Case study/Project   15m

1. RP-08 Movie App

- ○ Movie App is a self study project and live solution will be provided on Monday and Tuesday(31.07-01.08.2023). Try to finish before live session.

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