

TW-09 GROUP VERSION



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

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.

Ask Questions

15m

1. If you see the following import in a file, what is being used for state management in the component?

```
import React, { useState } from "react";
```

- A. React Hooks
- B. stateful components
- C. math
- D. class components

2. 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

3. You have created a new method in a class component called handleClick, but it is not working. Which code is missing?

```
class Button extends React.Component{

  constructor(props) {
    super(props);
    // Missing line
  }

  handleClick() {...}
}
```

- A. `this.handleClick.bind(this);`
- B. `props.bind(handleClick);`
- C. `this.handleClick.bind();`
- D. `this.handleClick = this.handleClick.bind(this);`

4. What is `setCount`?

```
const [count, setCount] = useState(0);
```

- A. the initial state value
- B. a variable
- C. a state object
- D. a function to update the state

5. 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.

6. 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

7. 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

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 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.

10. In MVC, what does React.js act as?

- A. Model
- B. View
- C. Controller
- D. all of them

11. Identify the smallest building block of React.JS.

- A. Props
- B. States
- C. Components
- D. Elements

12. What is ReactJS mainly used for building?

- A. Database
- B. Application
- C. User Interface
- D. Design Platform

Interview Questions**15m**

1. How often does the React useState update? Why?
2. What is the difference between the ES6 and ES5 standards for React?
3. Why is there a need for using keys in Lists?
4. What are the components in React?
5. What is an event in React?

Coding Challenge**15m**

- [RC-CC-01 Image Gallery](#)

**Coffee Break****10m**

Video of the Week

10m

- [React State Vs Props](#)

Case study/Project

15m

- [RP-02 NBA Legends](#)
- NBA Legends is a self study project and live solution will be provided on Monday. 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
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