

React Class Components and Props Week: Todo List

1. Master React Class Components and Props

By the end of this week, you should **MASTER** these topics:

❖ React Class Components and Props

- Constructor function:
 - Creating an object in regular JavaScript (before ES-6)
 - Creating an object with ES-6 (class based): concept of inheritance
- Destructuring in JavaScript: object and array destructuring
- React's class components: difference with function components
- Steps involved to convert function components to class components
- Child components
- React props: definition and use
- Steps to use props

By the end of last week, you should have already watched the class videos on “**React Components (Class Components) and Props**”. You should have also listed out all of your questions.

1.1. Working on “Class Component and Props” practice questions (5 hrs)

- Instructions on how to complete the questions is found here:
 - [Link to homework](#)
- Try the homework on your own first and discuss it with your groupmates
- List out the parts you don't understand and ask your groupmates when you meet in groups

1.2. Complete the Working with “React components (class based components) and props” checklists (2 hrs)

- [Checklist React components \(class components\) and props](#)
- Mark the ones you understood as complete, and list out the parts you didn't understand for further discussion

1.3. Before you meet your instructors in the group discussions

- Meet with your groupmates before the group sessions with Evangadi instructors. Please take the lead in sending out Zoom links and inviting everyone for discussion
- Try to discuss the questions you have with your groupmates

1.4. Attend the 2 group meeting sessions with your instructors (4 hrs)

- Discuss the remaining questions you have prepared
- Turn your camera on, share your screen and participate

2. Prepare for Next week - “React states” and “React Hooks”

2.1. Watch the “React states” videos (3 hrs).

- DO NOT just watch the video. Make sure you are pausing the video and practicing on your computer
- Read the lecture note side by side
- Prepare your questions

2.2. Watch the “React Hooks” videos (3 hrs)

- DO NOT just watch the video. Make sure you are pausing the video and practicing on your computer
- Read the lecture note side by side
- Prepare your questions

2.3. Attend the “React states” and “React Hooks” live lecture classes (4hrs)

- Read the lecture note side by side
- Prepare to ask your question