

# Chapter 08 - Let's Get Classy

## Theory :-

- How do you create Nested Routes react-router-dom configuration
- Read art createHashRouter, createMemoryRouter from react-router-dom docs.
- What is the order of life cycle method calls in class based components.
- Why do we use componentDidMount ?
- Why do we use componentWillUnmount ? Show with example.
- {Research} Why do we use super {props} in constructor ?
- {Research} Why can't we have the callback function of useEffect async ?

## Coding Assignment :-

- Create a Class Based Component
  - Create 2 class based child component
  - Pass props from parent to child
  - Create a constructor
  - Create a state variable inside child
  - Use this.setState to update it
  - What if there're multiple state variables ?
  - Write a console.log for each lifecycle method.
  - Play with the console.logs to find out the correct order of their execution.
- Create interval inside componentDidMount ?
  - Use clearInterval to fix the issue caused by that interval.

## Reference :-

React Life Cycle method diagram - <https://projects.wojtekmaaj.pl/react-lifecycle-methods-diagram/>