

## **React Class Components and Props - Practice Exercises**

### **Question on React class components and props**

- Build apple.com's homepage using React class component. We have already provided you with a replica of a responsive apple.com's website built using HTML and CSS/Bootstrap (from 2020). All you have to do is use the replica to build apple.com's website using React (class component).
- Use props at least for these sections:
  - The navigation (navbar) section
  - Footer section
  - The first (iPad Pro) section and the second section (MacBook Air)

### **Instructions on how to organize your folders and files for React class components and props**

- In your "**Week-5**" folder, create the folder "**Apple Class Component and Props**"
- Create a folder called "**Resources**" in your "**Apple Class Component and Props**" folder
- You will find a replica of a responsive apple.com's homepage built using HTML and CSS/Bootstrap [here](#). Download, this folder, unzip it and save it under your "**Resources**" folder
- Open your "**Apple Class Component and Props**" folder in your VSC and open a new VSC terminal while on this folder
- Set up your React development environment by creating a React App named "**react-apple-props**"
- Do not forget to change your directory and to go to the React App that you just created
- Start your React app using the following command: npm start

- Create a folder called, “**commonResource**” in your “**src**” folder
  - Go to your “**Resources**” folder, copy the “**css**”, “**js**” and “**images**” folders and paste these folders into your “**commonResource**” folder
- Now, start creating different class components under the “**src**” folder.
  - **Note:** Make sure all your components’ names start with Uppercase letters
  - **Note:** You will need to create components for your props as well
- Use the “**index.html**” file from the Apple replica code to create your components. In doing so, please watch out for the following:
  - Make sure to rename all of your HTML “**class**” attributes with “className” in your components
  - Make sure non-closing HTML tags we used in our replica code, such as <image>, and <br> are closed when using them in your components
  - Make sure all of your images are imported within the respective components
- Please remember to import the “**css**” folder we used in the replica into your components, preferably in your App.js
  - There are background images used when building the apple.com website using HTML/CSS. You have to make sure these images have the correct path if for any reason, you changed your folder/file structure
- Make sure to include/link Bootstrap and jQuery libraries in the “**index.html**” file found under the “public” folder. This is to allow your components to implement the features Bootstrap and jQuery provide for your Footer and Header component
- **Note:** You need to ALWAYS read the error on your terminal/browser, research the error online and fix it by yourself before asking anyone for help. You must develop the culture of searching for errors online and fixing your code issues by yourself

Happy coding 😊