React Front End

The following section will be an explanation for the code here:

1. We create an empty folder called proshop
2. Run “npx create-react-app frontend “cos we wanna generate the react application in a folder called front end. In the terminal, cd into that folder and then run “npm start” and you will get a nice default layout.
3. You can’t use class , must use className as that’s the JSX attribute
4. The return can only have a single element, no double <div></div>
5. If a component is exported, there’s no need to wrap them in curly braces when importing them in the main file App.js
6. Boostrap makes it easier so that you don’t have to write a lot of CSS, a UI library, like Material UI.
7. Run npm i react-bootstrap
8. Add a container , row and column using the react-bootstrap to properly space our stuff without wasting too much time on css
9. https://react-bootstrap.github.io/components/navbar/ is a good source
10. May copy the boilerplate code from the website above to get the nav bar and modify accordingly,
11. <https://cdnjs.com/> font awesome for icons, search for font-awesome, grab all.min.css and copy the link tag
12. Add an i tag wth className of ‘fas fa-shopping-cart’ , do the same for the other link. So you will see 2 icons beside the wordings
13. Backticks for template literal
14. Shift + alt + down to copy a block code downwards
15. In react you can use inline styles but need to have double curly braces like <I style= {{color}}
16. With the react extension you can just type ‘impt’ to import PropTyles
17. npm i redux react-redux redux-thunk redux-devtools-extension
18. axios is a http library used to make http request to backend, although u could use fetch api if u like but this is more powerful and easier
19. when it comes to state you have component level and global level
20. products is going to be global state when you get to redux
21. useState with functional components, traditionally with class-based components u would defined your state in a constructor
22. nodemon is a tool that we can use to constantly watch our server, so that we don’t have to keep resetting it, fi we don’t use this, every time we make a change to server.js, we gotta re-start the server. To use nodemon, go to package.json and add another script called server, ‘run the backend server file