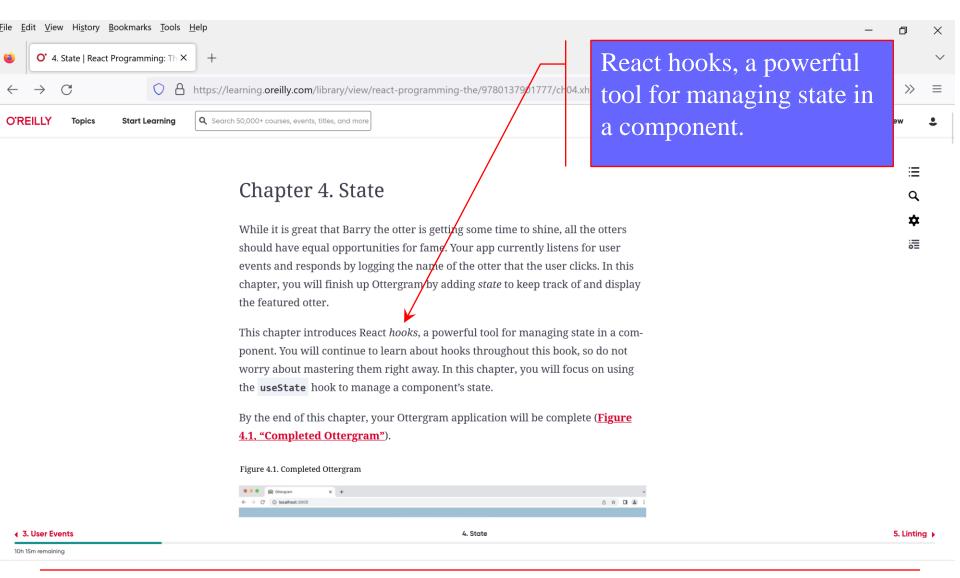
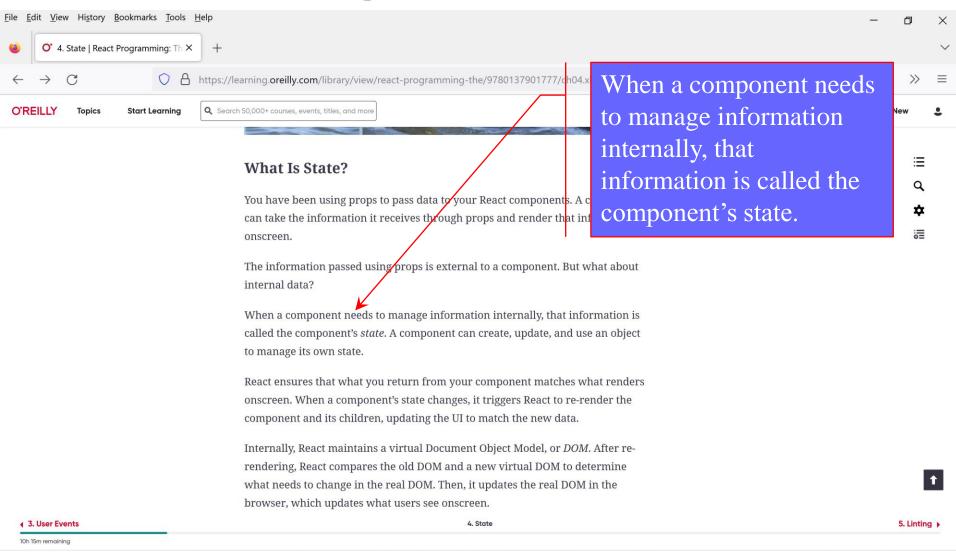
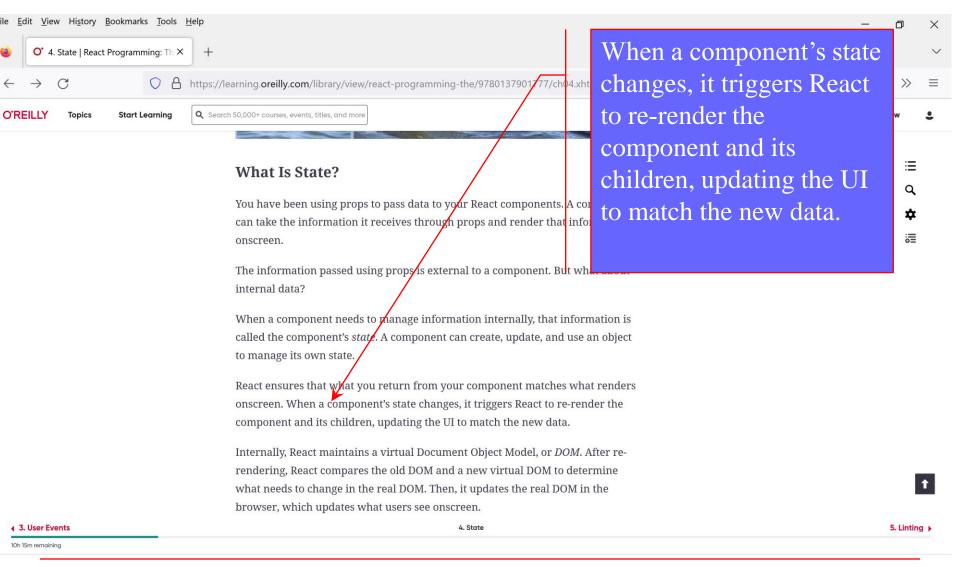
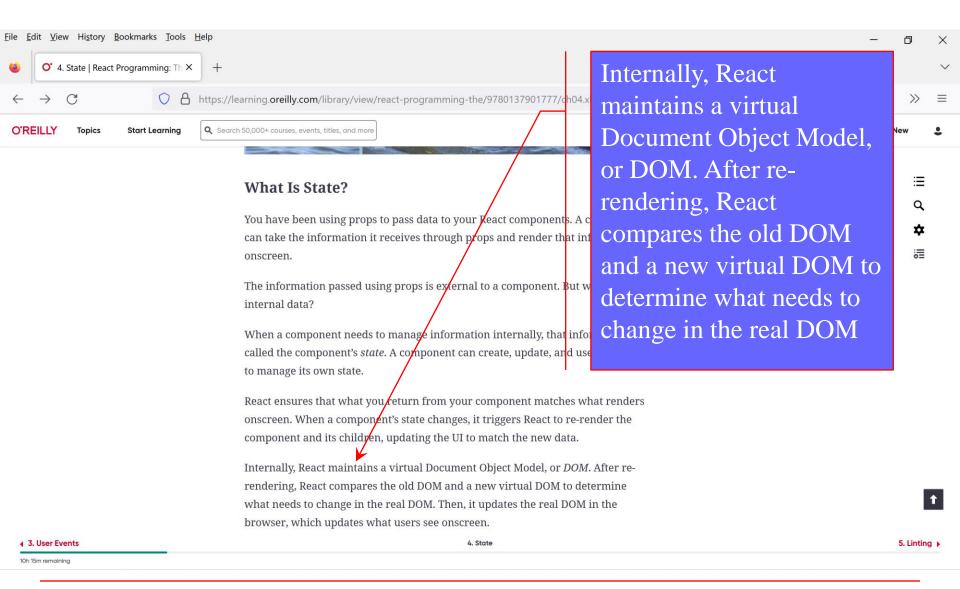
Using React

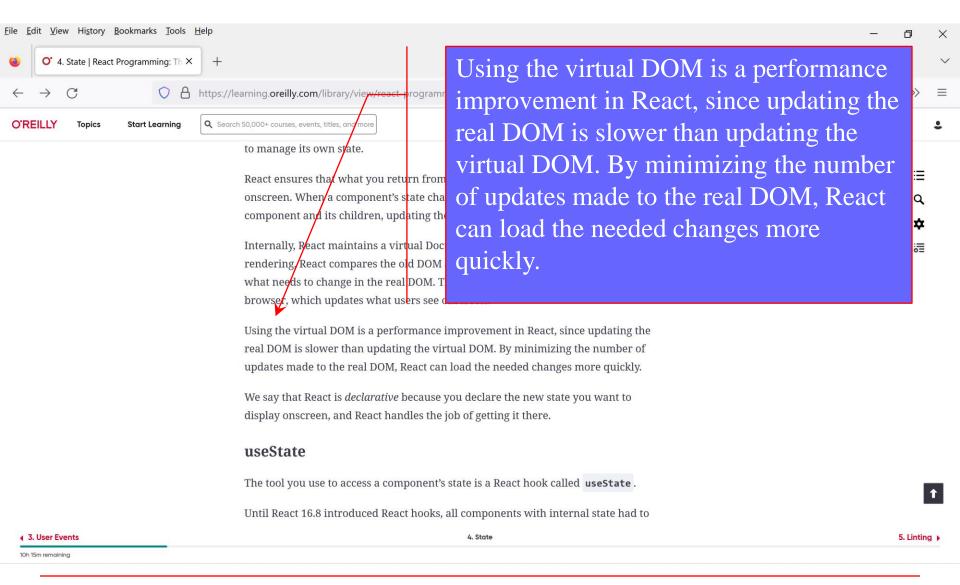
Dr. Atef Bader











```
File Edit Selection View Go Run Terminal Help
                                                                                 App.is - 04-state - Visual Studio Code
   EXPLORER
                                                           X JS Post.is
                                                                                                                                            useState
                                                src > JS App.js > 分 App > [∅] setSelectedPostName
 ∨ OPEN EDITORS
                                                       import Lesley from './otters/otter4.jpg';
    X JS App.js src
                                                                                                                                            Hook function in
      JS Post.js src\components
                                                       import Barbara from './otters/otter5.jpg';
                                 中の計却

√ 04-STATE

                                                                                                                                            App.js
                                                       const ottersArray = [
   > node modules
                                                        { image: Barry, name: 'Barry', id: 1 },
   > ottergram
                                                         { image: Robin, name: 'Robin', id: 2 },

∨ public

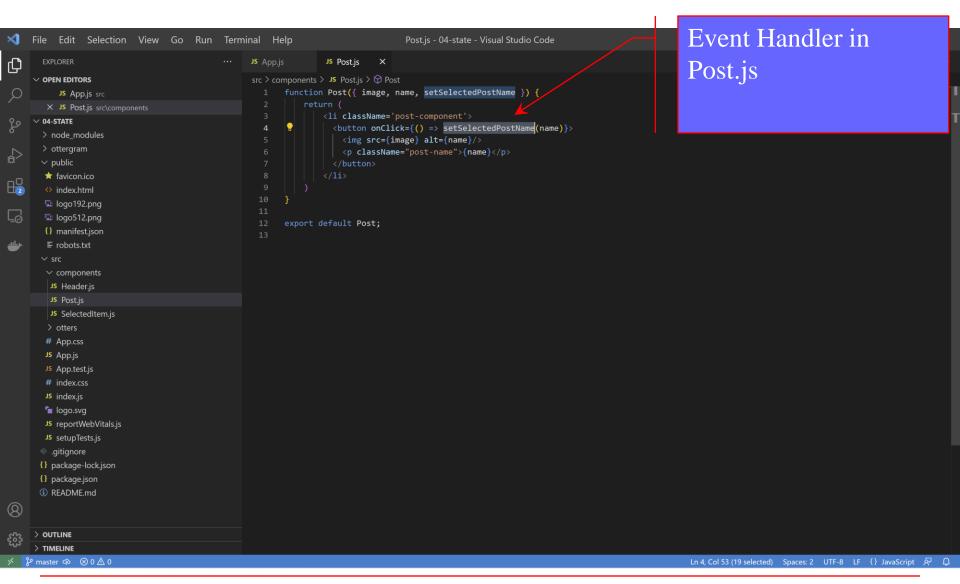
                                                         { image: Maurice, name: 'Maurice', id: 3 },
    ★ favicon.ico
                                                         { image: Lesley, name: 'Lesley', id: 4 },
                                                         { image: Barbara, name: 'Barbara', id: 5 },
    index.html
    logo192.png
    logo512.png
                                                       \frac{1}{2}nction App() {
    {} manifest.json
                                                        const [selectedPostName, setSelectedPostName] = useState('Barry');

    robots.txt

                                                         const selectedPost = ottersArray.find(otter => otter.name === selectedPostName);
   ∨ src

∨ components

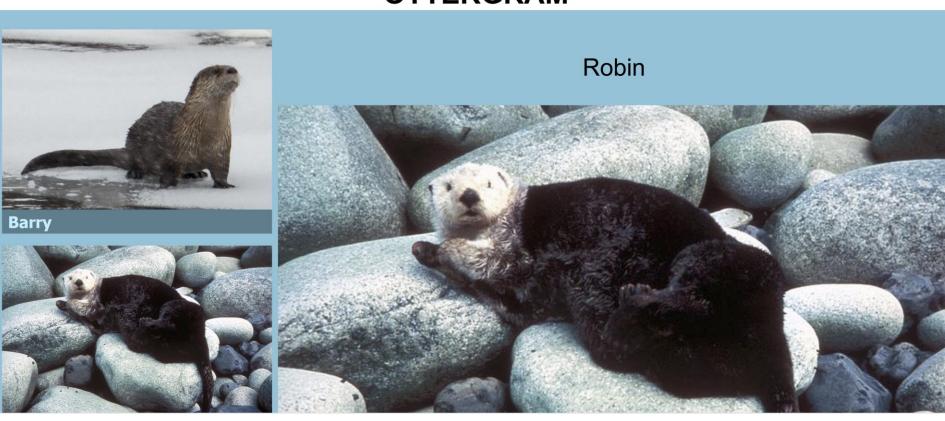
    JS Header.js
                                                             <Header />
     JS Post.js
                                                             <div className='app-content'>
    JS SelectedItem.js
                                                               > otters
                                                                 {ottersArray.map((post) => (
    # App.css
    JS App.js
                                                                     key={post.id}
                                                                     image={post.image}
    JS App.test.js
                                                                     name={post.name}
    # index.css
                                                                     setSelectedPostName={setSelectedPostName}
    JS index.is
    logo.svg
    JS reportWebVitals.js
    JS setupTests.js
                                                               <SelectedItem</pre>
  .gitignore
                                                                 image={selectedPost.image}
                                                                 name={selectedPost.name}
  {} package-lock.json
  {} package.json
  (i) README.md
 > OUTLINE
                                                      export default App;
 > TIMELINE
上 master ⇔ ⊗ 0 A 0
                                                                                                                                            Ln 21, Col 47 (19 selected) Spaces: 2 UTF-8 LF {} JavaScript 🔊 🚨
```



Windows PowerShell > react-scripts start Browserslist: caniuse-lite is outdated. Please run: npm start npx update-browserslist-db@latest Why you should do it regularly: https://github.com/browserslist/update-db#readme (node:12664) [DEP WEBPACK DEV SERVER ON AFTER SETUP MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Please use t (Use `node --trace-deprecation \dots ` to show where the warning was created) (node:12664) [DEP WEBPACK DEV SERVER ON BEFORE SETUP MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Please use Starting the development server... You can now view ottergram in the browser. Local: http://localhost:3000 On Your Network: http://192.168.0.222:3000 Note that the development build is not optimized. To create a production build, use npm run build. webpack compiled successfully



OTTERGRAM



References

•	Klingman, L. 2023. React Programming: The Big Nerd Ranch Guide. Indianapolis, IN: Pearson Technology
	Group. [ISBN: 978-0137901692]