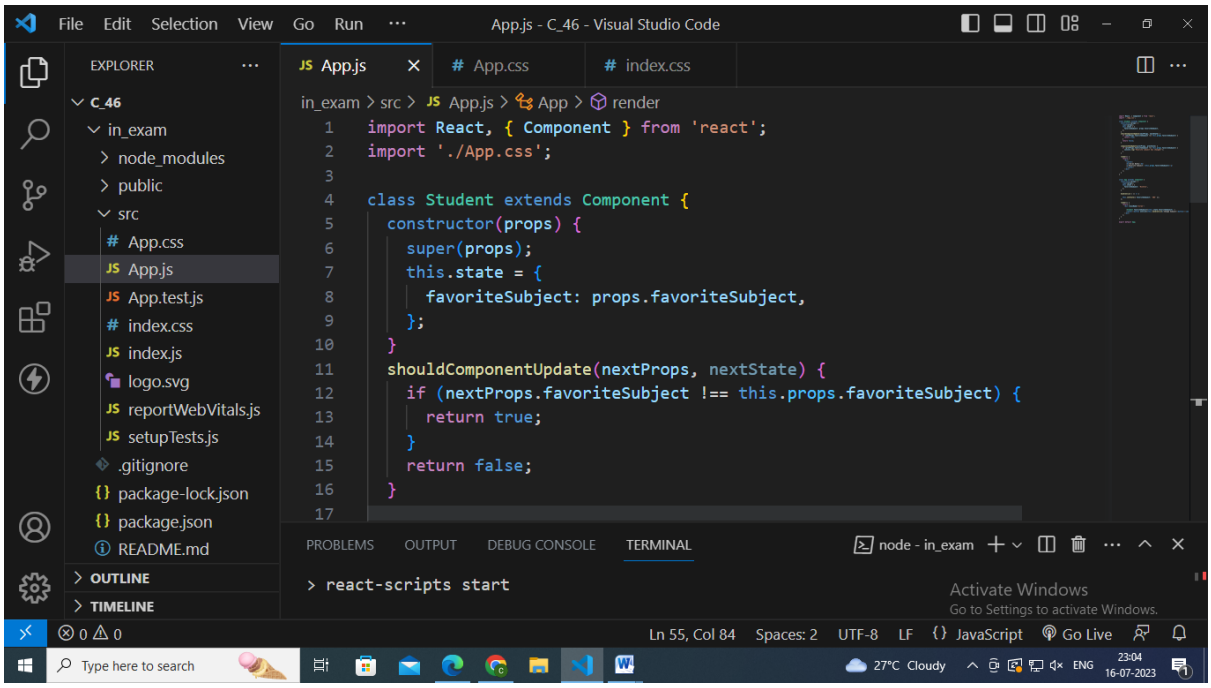
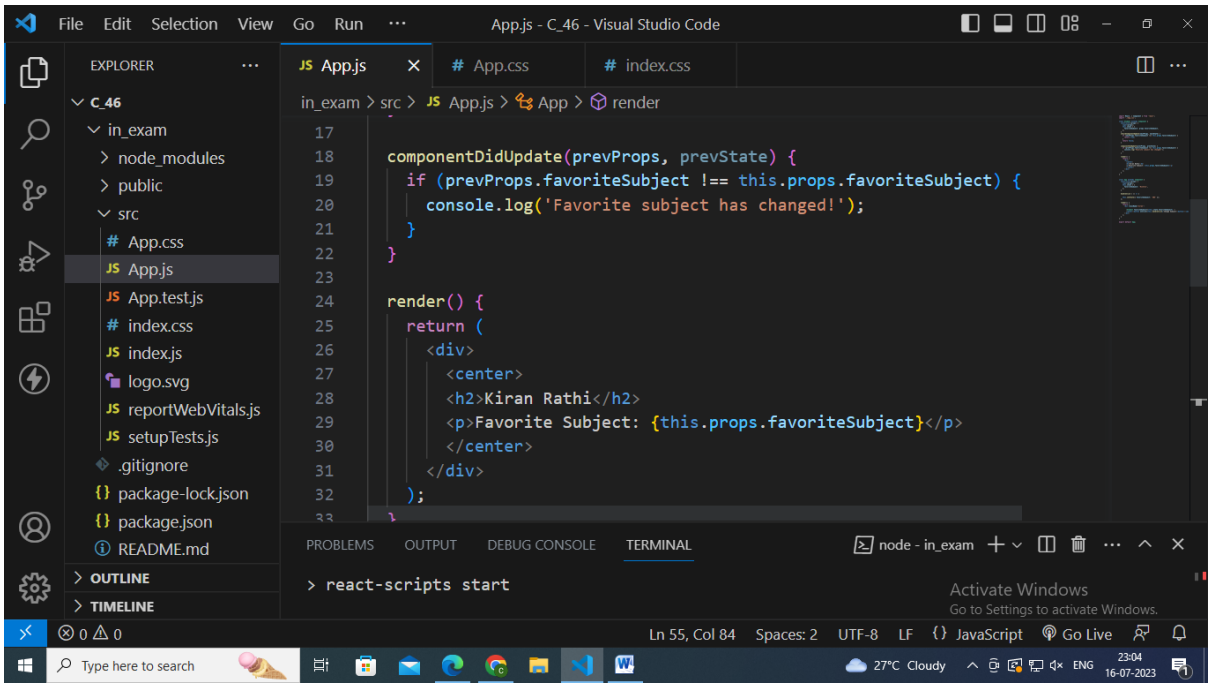
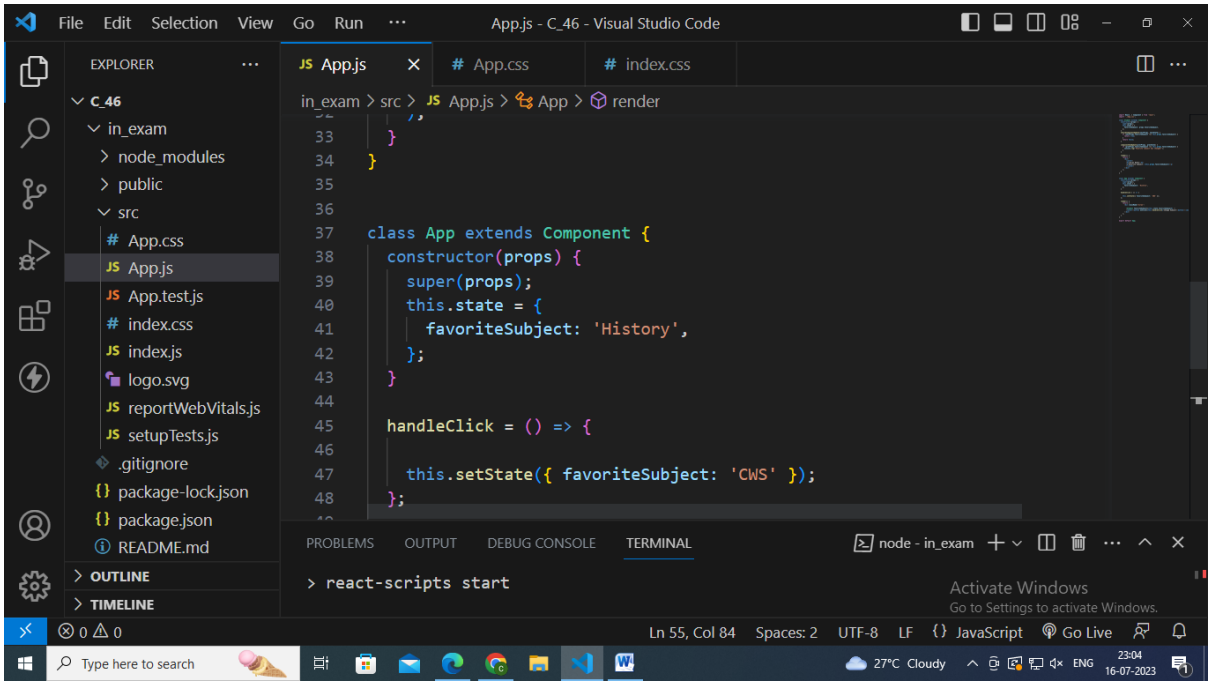
Name: Kiran Rathi

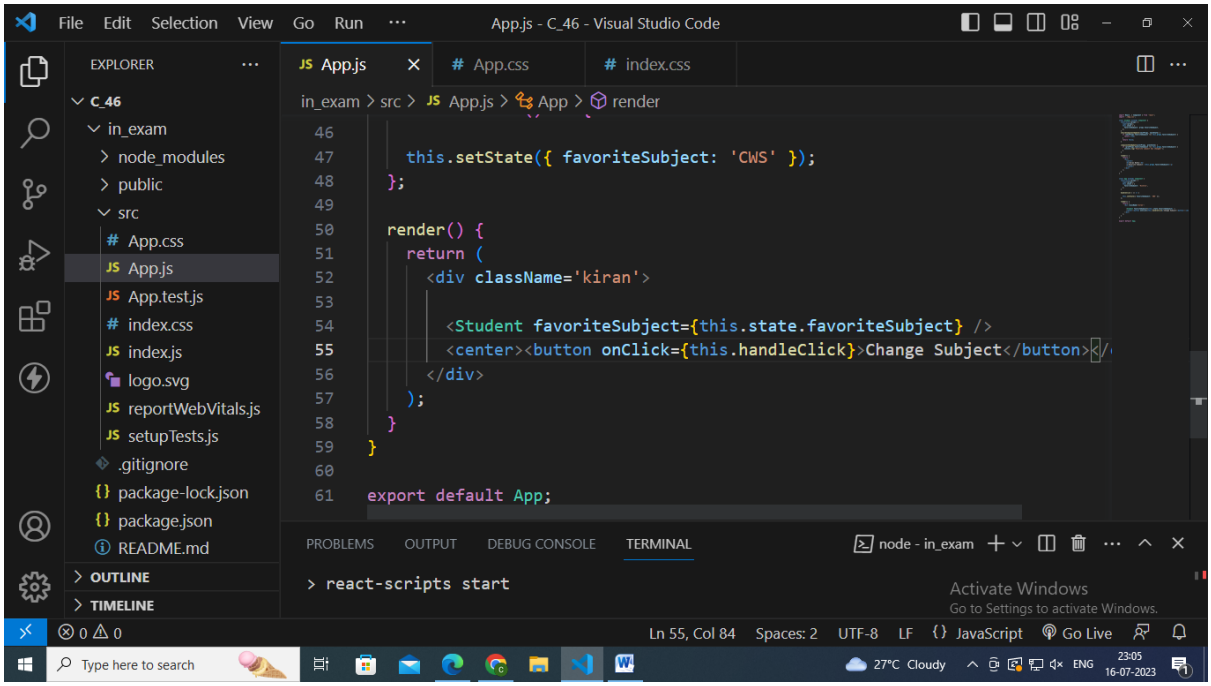
Internal exam

Demonstrate how to use shouldComponentUpdate method of Update phase for favorite subject changed by student at runtime






File Edit Selection View Go Run
App.js - C_46 - Visual Studio Code
EXPLORER
App.js
App.css
index.css
in_exam > src > App.js > App > render
C_46
in_exam
node_modules
public
src
App.css
App.js
App.test.js
index.css
index.js
logo.svg
reportWebVitals.js
setupTests.js
.gitignore
package-lock.json
package.json
README.md
OUTLINE
TIMELINE
33 }
34 }
35
36
37 class App extends Component {
38 constructor(props) {
39 super(props);
40 this.state = {
41 favoriteSubject: 'History',
42 };
43 }
44
45 handleClick = () => {
46
47 this.setState({ favoriteSubject: 'CWS' });
48 };
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
node - in_exam
> react-scripts start
Activate Windows
Go to Settings to activate Windows.
Ln 55, Col 84 Spaces: 2 UTF-8 LF JavaScript Go Live
Type here to search
27°C Cloudy
ENG
23:04
16-07-2023


File Edit Selection View Go Run
App.js - C_46 - Visual Studio Code
EXPLORER
App.js
App.css
index.css
in_exam > src > App.js > App > render
C_46
in_exam
node_modules
public
src
App.css
App.js
App.test.js
index.css
index.js
logo.svg
reportWebVitals.js
setupTests.js
.gitignore
package-lock.json
package.json
README.md
OUTLINE
TIMELINE
46
47 this.setState({ favoriteSubject: 'CWS' });
48 };
49
50 render() {
51 return (
52
53
54 <Student favoriteSubject={this.state.favoriteSubject} />
55 <button onClick={this.handleClick}>Change Subject</button></
56
57);
58 }
59 }
60
61 export default App;
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
node - in_exam
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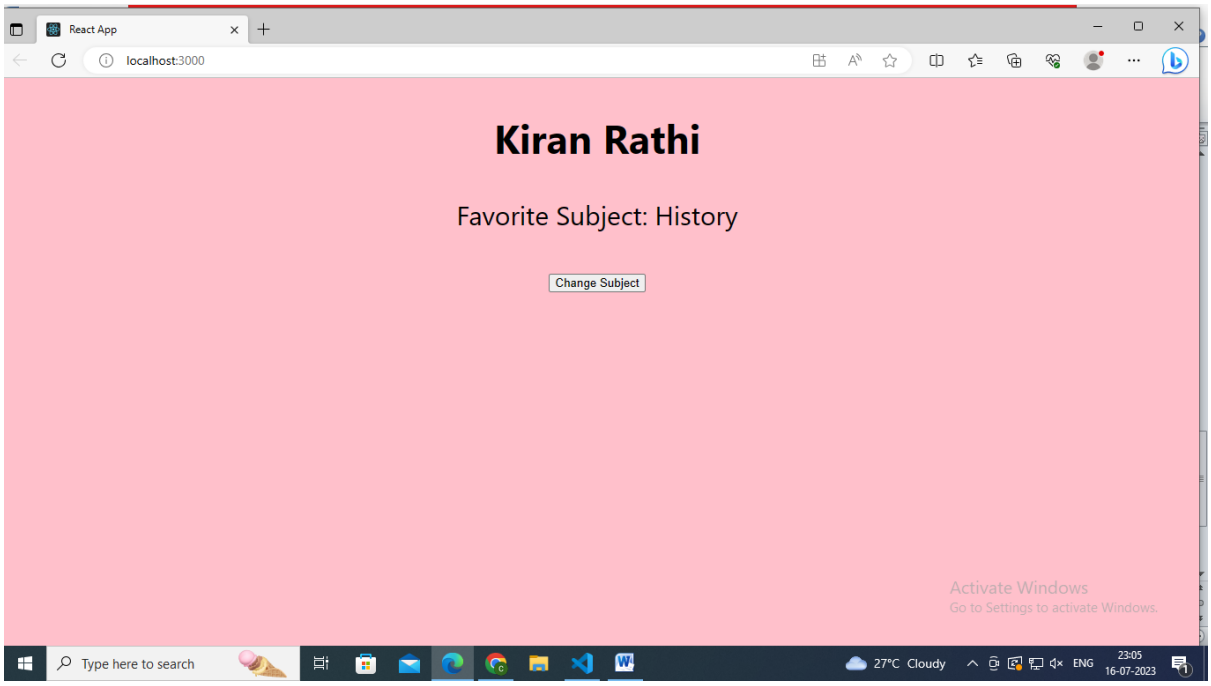
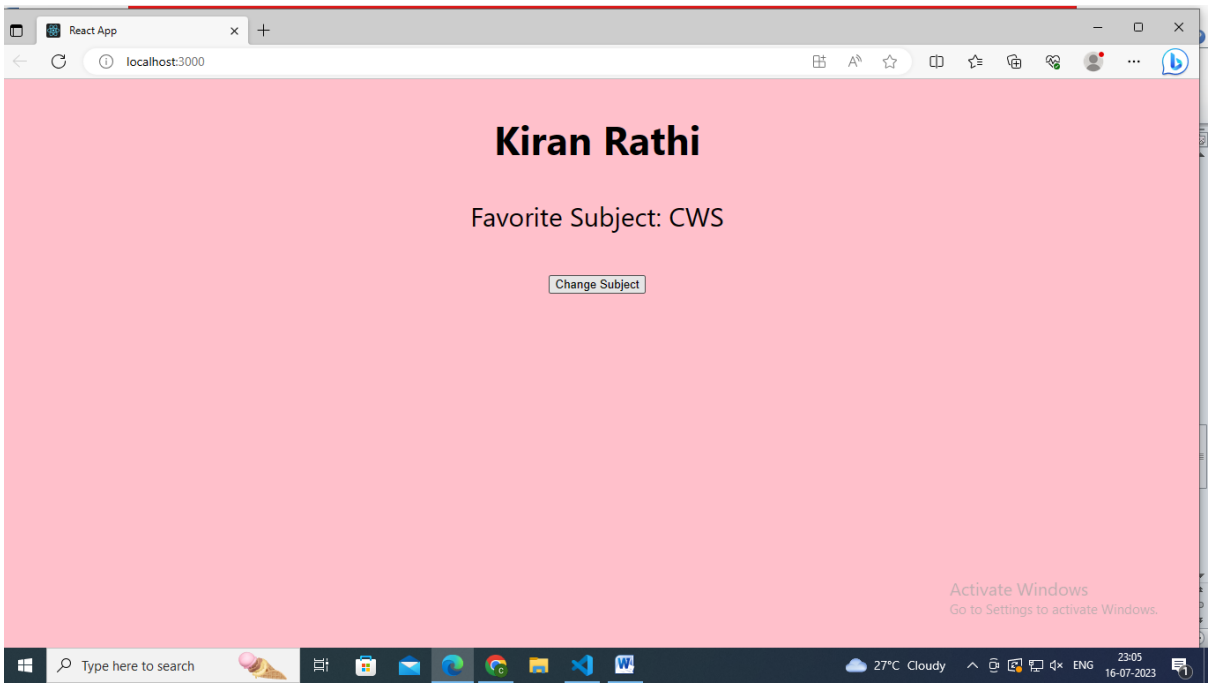
Activate Windows
Go to Settings to activate Windows.
Ln 55, Col 84 Spaces: 2 UTF-8 LF JavaScript Go Live
Type here to search
27°C Cloudy
ENG
23:05
16-07-2023

Output:



After changing