

12. ticketbookingapp

Objectives

- **Explain about conditional rendering in React**
- **Define element variables**
- **Explain how to prevent components from rendering**

In this hands-on lab, you will learn how to:

- **Implement conditional rendering in React applications**

Prerequisites

The following is required to complete this hands-on lab:

- **Node.js**
- **NPM**
- **Visual Studio Code**

Notes

Estimated time to complete this lab: 60 minutes.

Create a React Application named “ticketbookingapp” where the guest user can browse the page where the flight details are displayed whereas the logged in user only can book tickets.

The Login and Logout buttons should accordingly display different pages. Once the user is logged in the User page should be displayed. When the user clicks on Logout, the Guest page should be displayed.

CODE:

App.js

```
import React, { useState } from 'react';

function App() {
  const [isLoggedIn, setIsLoggedIn] = useState(false);

  const handleLoginClick = () => setIsLoggedIn(true);
  const handleLogoutClick = () => setIsLoggedIn(false);

  let message;
  if (isLoggedIn) {
    message = <h1>Welcome back</h1>;
  } else {
    message = <h1>Please sign up.</h1>;
  }

  return (
```

```

<div style={{ textAlign: 'center', marginTop: '100px' }}>

  {message}

  {isLoggedIn ? (

    <button onClick={handleLogoutClick}>Logout</button>

  ) : (

    <button onClick={handleLoginClick}>Login</button>

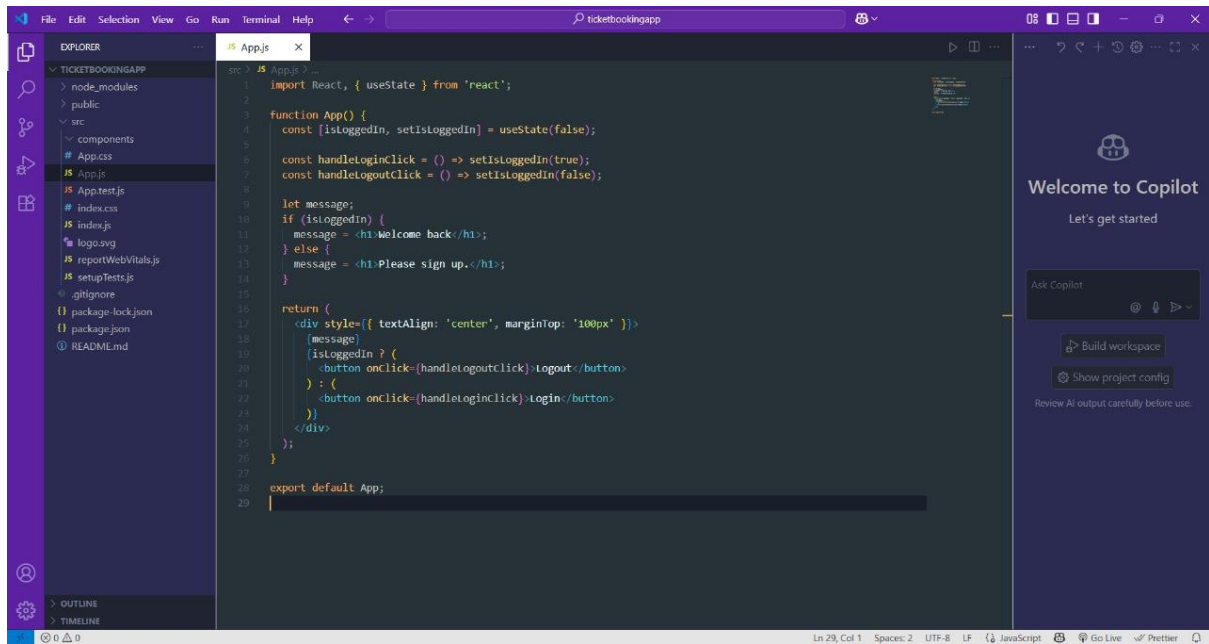
  )}

</div>

);
}

```

export default App;



```
Windows PowerShell
Microsoft Windows [Version 10.0.26100.4652]
(c) Microsoft Corporation. All rights reserved.

C:\Users\mkanm>cd ticketbookingapp
C:\Users\mkanm\ticketbookingapp>npm start

> ticketbookingapp@0.1.0 start
> react-scripts start

(node:6492) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
(Use 'node --trace-deprecation ...' to show where the warning was created)
(node:6492) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
Starting the development server...
Compiled successfully!

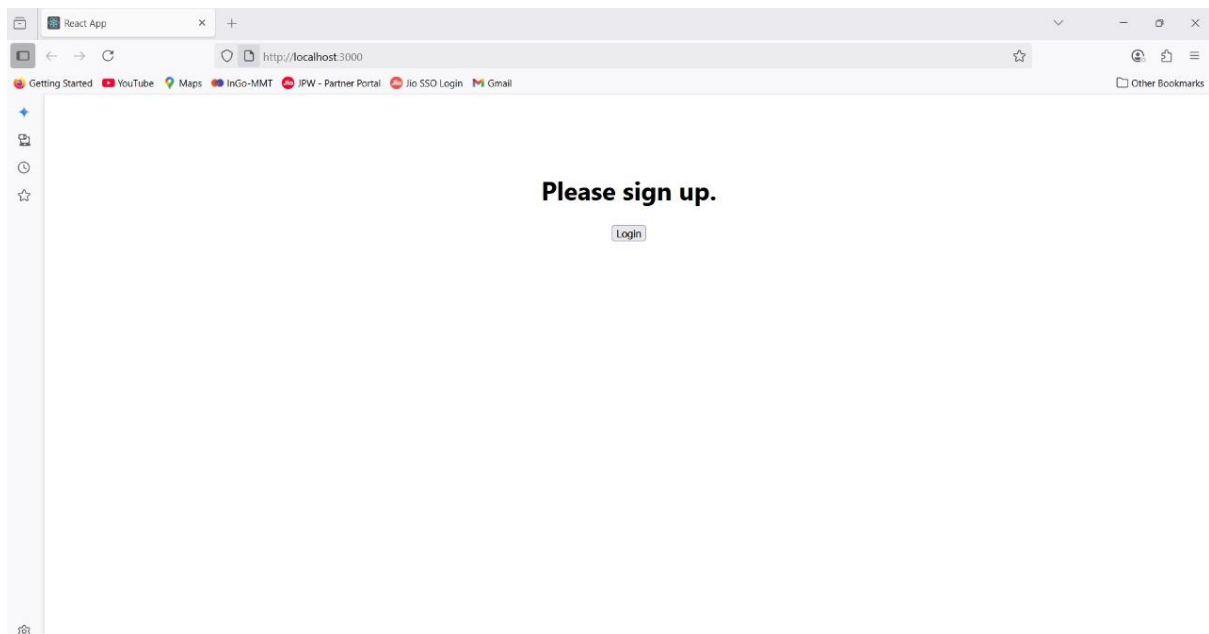
You can now view ticketbookingapp in the browser.

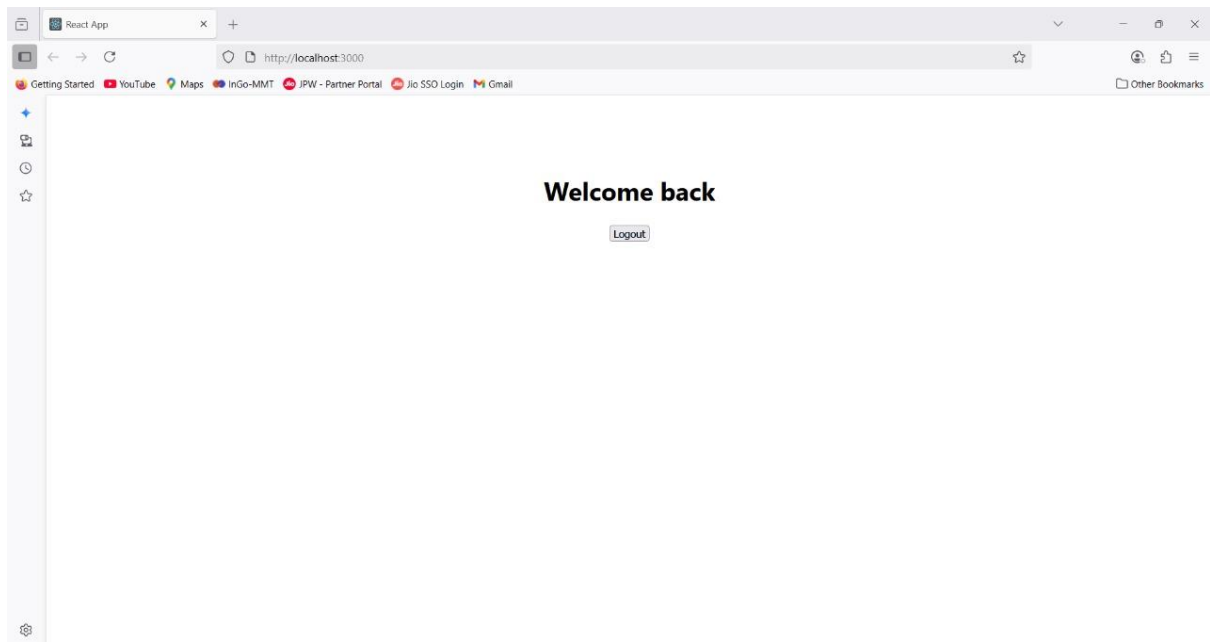
  Local:            http://localhost:3000
  On Your Network:  http://192.168.0.135:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
```

OUTPUT:





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