**React**

**Handson2 ReactJS-HOL**

**Source Code**

**Step-by-Step Instructions**

**Step 1: Create a React App**

Open **VS Code terminal** or **Command Prompt** and run:

npx create-react-app StudentApp

**Step 2: Create Components folder**

Inside src folder:

1. Right-click on src → **New Folder** → Name: Components
2. Inside Components, add 3 new files:
   * Home.js
   * About.js
   * Contact.js

**Step 3: Code for Home.js**

import React from 'react';

class Home extends React.Component {

  render() {

    return (

      <div>

        <h2>Welcome to the Home page of Student Management Portal</h2>

      </div>

    );

  }

}

export default Home;

**Step 4: Code for About.js**

import React from 'react';

class About extends React.Component {

  render() {

    return (

      <div>

        <h2>Welcome to the About page of Student Management Portal</h2>

      </div>

    );

  }

}

export default About;

**Step 5: Code for Contact.js**

import React from 'react';

class Contact extends React.Component {

  render() {

    return (

      <div>

        <h2>Welcome to the Contact page of Student Management Portal</h2>

      </div>

    );

  }

}

export default Contact;

**Step 6: Modify App.js to call all components**

Open src/App.js and replace the code with:

import React from 'react';

import Home from './Components/Home';

import About from './Components/About';

import Contact from './Components/Contact';

function App() {

  return (

    <div>

      <Home />

      <About />

      <Contact />

    </div>

  );

}

export default App;

**Step 7: Run the App**

In terminal, type:

npm start

**Step 8: Open in Browser**

* Open your browser.
* Visit: <http://localhost:3000>

