**Assignment 1: Introduction to React**

**Set up a new React application using Create React App.**

**Create a simple React component to display static content.**

Below are the steps to set up a new React application using Create React App and create a simple React component to display static content.

Step 1: Install Create React App

Open your terminal and run the following command to globally install Create React App:

npx create-react-app my-react-app

Replace my-react-app with the desired name for your React application.

Step 2: Navigate to Your React App

Navigate to the newly created React app directory:

cd my-react-app

Step 3: Create a Simple React Component

Open the src directory and create a new file named SimpleComponent.js. Add the following code to define a simple React component:

// SimpleComponent.js

import React from 'react';

const SimpleComponent = () => {

return (

<div>

<h1>Hello, React!</h1>

<p>This is a simple React component displaying static content.</p>

</div>

);

};

export default SimpleComponent;

Step 4: Use the Component in App.js

Open the src/App.js file and replace its contents with the following code to import and use the SimpleComponent:

// App.js

import React from 'react';

import './App.css'; // Keep this line for styling, if needed

import SimpleComponent from './SimpleComponent';

function App() {

return (

<div className="App">

<SimpleComponent />

</div>

);

}

export default App;

Step 5: Run Your React App

Save the changes and return to the terminal. Make sure you are still in the root directory of your React app (my-react-app). Start the development server with the following command:

**npm start**

This command will start the development server, and you should see your React app running in your default web browser at http://localhost:3000/. The page will display the simple React component with the static content.

Congratulations! You have successfully set up a new React application using Create React App and created a simple React component to display static content. You can now explore and build more complex components and features for your React application.