Introduction

This document contains the solution to the ReactJS Hands-on Lab as part of our coursework. The goal is to understand how to set up a basic React application, run it, and display content on a web page.

# Objectives

- Understand the concept of SPA and React.

- Learn to set up a React development environment.

- Create a basic React project using Create React App.

- Display a heading in a React application.

# Prerequisites

To complete this assignment, ensure the following are installed on your system:

- Node.js and NPM (https://nodejs.org/en/download/)

- Visual Studio Code (or any other code editor)

# Steps to Complete the Assignment

## 1. Install Create React App

Open Command Prompt and type:

npm install -g create-react-app

## 2. Create a New React Application

Run the following command:

npx create-react-app myfirstreact

## 3. Navigate to the Project Directory

cd myfirstreact

## 4. Open the Project in Visual Studio Code

code .

## 5. Modify App.js File

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

import React from 'react';  
  
function App() {  
 return (  
 <div>  
 <h1>Welcome to the first session of React</h1>  
 </div>  
 );  
}  
  
export default App;

## 6. Run the Application

Use this command to start the React server:

npm start

## 7. View the Result

Open a web browser and go to:

http://localhost:3000

# Conclusion

In this hands-on assignment, I successfully created and ran a simple React application using Create React App. This exercise helped me understand the project structure and how React renders components.

Screenshot:

