

SE3040 – Application Frameworks
BSc (Hons) in Information Technology
Software Engineering Specialization
3rd Year
Faculty of Computing
SLIIT
2023 - Practical
Lab 08

React JS – Lab 01

You can refer to the tutorial sheet and the official documentation. Complete each exercise and commit your code with the exercise you completed. After the lab submit the repository to the GitHub classroom assignment below.

<https://classroom.github.com/a/ZKaY6hfm>

Steps:

1. Create a new react project using ViteJS
2. Change the port to 3000
3. Remove the unnecessary codes

Exercise 01

Create a simple "Hello World" app that displays a greeting message to the user.

1. Start by creating a new React component called "Greeting".
2. Inside the "Greeting" component, return a JSX element that displays a greeting message to the user, such as "Hello World!".
3. Render the "Greeting" component in your main app component.

Exercise 02

Create a "NavBar" component that displays a navigation menu.

1. Start by creating a new React component called "NavBar".
2. Inside the "NavBar" component, return a JSX element that displays a navigation menu. This can be a simple unordered list with a few links to different pages or sections of your app.
3. Render the "NavBar" component in your main app component.

Exercise 03

Try to implement the following components and follow the steps as above

1. Create a "Footer" component that displays a copyright message and links to your social media profiles.
2. Create a "Card" component that displays an image, title, and description for a product or service.
3. Create a "Button" component that displays a customizable button with different styles and sizes.
4. Create a "Banner" component that displays a promotional message or call-to-action with a background image or color.
5. Create a "Testimonial" component that displays a quote, name, and photo for a customer testimonial or review.