

Programme	:	B.Tech.	Semester	:	Winter24-25
Course	:	BCSE203E: Web Programming Lab	Slot	:	TE1/TE2
Faculty	:	Dr. LM Jenila Livingston	Marks	:	10

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Exercise 12: JSX

- (i) Create a React component that displays **"Hello, React!"** inside an `<h1>` tag **without JSX**.
 - (ii) Modify the above code and solve using React JSX
 - (ii) Modify the above component to display a message stored in a variable.
- Create a component that renders a list of three fruits dynamically.
- Create a component that displays a styled message using inline CSS in JSX.
- Create a component that displays the sum of squares of two numbers inside a `<p>` tag.
- Create a component that displays "Good Morning" if `isMorning` is true, otherwise display "Good Evening."
- Create a React component that displays the current day of the week dynamically using JavaScript's
- Create a React component that checks whether a given number is prime and displays the result.
- Create a React class component called `TemperatureConverter` that allows the user to convert a temperature from **Celsius to Fahrenheit** and **Fahrenheit to Celsius**.
- Create a component that takes a string (e.g., "React") and displays its reverse ("tcaeR") inside a `<p>` tag and display whether the string is palindrome or not
- Create a button that, when clicked, generates and displays a random number between 1 and 100.
- Check If a Year is a Leap Year: Take a year (e.g., 2024) as a variable and display whether it is a leap year or not
- Create a React class component named `UserGreeting` that takes two props: `firstName` and `lastName`. Inside the `render()` method, display a greeting message with the full name of the user in the following format:

"Hello, [First Name] [Last Name]!"

