EVENING ASSIGNMENT

1. Simple props

Create a Greeting component that takes name as a prop and displays "Hello, {name}!".

function Greeting({ name }) {

return <h1>Hello, {name}!</h1>;

}

export default function App() {

return <Greeting name="Alice" />;

}

2. Display a variable value

Store your favorite color in a variable and show it in <h1>.

function Colour({col}){

return <h1>My favorite color , {col}!</h1>;

}

export default function App() {

return <Colour col="Purple" />;

}

3. Add two numbers

Store two numbers in variables and display their sum.

function App() {

const num1 = 8;

const num2 = 4;

return <h1>Sum: {num1 + num2}</h1>;

}

export default App;

4. Props example

Create a Hello component that shows "Hello, {name}" where name comes from props.

function Hello({ name }) {

return <h1>Hello, {name}</h1>;

}

export default function App() {

return <Hello name="Ria" />;

}

5. Click alert

Create a button that shows an alert "Hello React" when clicked.

function App() {

function sayHello() {

alert("Hello React");

}

return <button onClick={sayHello}>Click Me</button>;

}

export default App;

6. Click alert

Show an alert saying "Welcome to React" when a button is clicked.

function App() {

function sayWelcome() {

alert("Welcome to React");

}

return <button onClick={sayWelcome}>Click Me</button>;

}

export default App;

7. Show text on click

Display a heading "Click the button" and below it a message "Button was clicked!" when clicked

(message can be hardcoded).

function App() {

let message = "";

function showMessage() {

document.getElementById("msg").innerText = "Button was clicked!";

}

return (

<div>

<h1>Click the button</h1>

<button onClick={showMessage}>Click Me</button>

<h2 id="msg"></h2>

</div>

);

}

export default App;

8. Show a variable in JSX

Create a variable city = "Hyderabad" and display it in a heading

function App() {

const city = "Hyderabad";

return <h1>{city}</h1>;

}

export default App;

9. Math in JSX

Display the result of 10 \* 2 inside a heading.

function App() {

return <h1>{10 \* 2}</h1>;

}

export default App;

10. Function return in JSX

Create a function getMessage() that returns "Welcome" and display it inside a heading.

function getMessage() {

return "Welcome";

}

function App() {

return <h1>{getMessage()}</h1>;

}

export default App;

11. Alert on click

Create a button that shows an alert saying "Button clicked!" when pressed.

function App() {

function handleClick() {

alert("Button clicked!");

}

return <button onClick={handleClick}>Click</button>;

}

export default App;

12. Display a variable value

Write a functional component that stores your name in a variable and displays it in <h1>.

function App() {

const name = "Gagana";

return <h1>{name}</h1>;

}

export default App;

13. Add two numbers

Create a component that stores two numbers in variables and displays their sum.

function App() {

const a = 5;

const b = 7;

return <h1>Sum: {a + b}</h1>;

}

export default App;