EVENING ASSESSMENT:

Simple Coding (11–20)

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

import React from ‘react’;

function App() {

const name = "Abhigna";

return (

<div>

<h1>name is :{name}</h1>

</div>

);

}

export default App;

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

function App() {

const a = 5;

const b = 5;

return (

<div>

<h1>sum is:{a + b}</h1>

</div>

);

}

export default App;

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

function Greeting(props) {

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

}

function App() {

const name = "abhi";

return (

<>

<div>

<h1>HELLO, REACT</h1>

</div>

<div>

<Greeting name="abhi" />

</div>

</>

);

}

export default App;

15. Display a variable value

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

function App() {

const color = "Blue";

}

return (

<div>

<h1>color</h1>

</div>

);

}

export default App;

16. Add two numbers

Store two numbers in variables and display their sum.

function App() {

const a = 5;

const b = 5;

return (

<div>

<h1>sum is:{a + b}</h1>

</div>

);

}

export default App;

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

function Name(props) {

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

}

export default App;

18. Click alert

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

function App() {

function showAlert() {

alert("Hello React");

}

return <button onClick={showAlert}>Click me</button>;

}

export default App;

19. Click alert

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

function App() {

function showAlert() {

alert("Welcome to React");

}

return <button onClick={showAlert}>Click me</button>;

}

export default App;

20. Show text on click

Display a heading "Click the button" and below it a message "Button was clicked!" when clicked (message can be hardcoded).

import React, { useState } from 'react';

function App() {

const [clicked, setClicked] = useState(false);

return (

<div>

<h1>Click the button</h1>

<button onClick={() => setClicked(true)}>Click</button>

{clicked && <p>Button was clicked!</p>}

</div>

);

}

export default App;

21. Show a variable in JSX

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

function City() {

const city = "Hyderabad";

return <h1>The city name is:{city}</h1>;

}

export default App;

22. Math in JSX

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

function Math() {

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

}

export default App;

23. Function return in JSX . Create a function getMessage() that returns "Welcome" and display it inside a heading.

function App(){

function getMessage() {

return "Welcome";

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

}

export default App;

24. Alert on click

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

function App(){

function buttonClicked() {

alert("Button clicked!");

}

return(

<div>

<button onClick={buttonClicked}>Click me</button>

</div>

);

}