Day -20 Evening Assessment

onClick:

1. function app(){

const handleClick = () => {

console.log(“Clicked!”);

);

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

}

1. function app(){

const handleClick = (msg) => {

alert(msg);

}

return <button onClick = {() => showAlert(“Hello, you have clicked this button”)}>

Show Alert

</button>

1. function ImageGallery(){

const [img, setImg] = useState(“http://placehold.co”);

return (

<div>

<img src={mainImg} alt = “Main” width = “200px” height = “200px” />

<div>

<img src = <http://placehold.co/pic1> alt = “img1”

onClick = {() => setMainImg(<https://placehold.co/pic1)>}

style = {{cursor: “pointer” }} />

<img src = <https://placehold.co/pic2> alt = “img2”

onClick = {() => setMainImg(“https://placehold.co/pic2”)}

style = {{cursor: “pointer”}} />

<img src= <https://placehold.co/pic3> alt=”img3”

onClick = {() => setMainImg(<https://placehold.co/pic3)>}

style = {{cursor: “pointer”}} />

</div>

</div>

);

}

1. function vote(){

const [ votes, setVotes] = useState(0);

return (

<p>{votes}</p>

<button onClick = {() => setVotes{votes+1)}>Vote</button>

);

}

1. function paragraph(){

const [color, setColor] = useState(“black”);

return (

<p style= {{color: {color}} onClick={() =>setColor(color === “black” ? “blue” : “black”)}>Click me to change the color</p>

);

}

1. function app(){

const [visible, setVisible] = useState(false);

return (

<button onClick{() = > setVisible(visible)}>{visible ? “show” :”hide”} Click here </button>

);

}

1. function quiz(){

const checkAnswer = (answer) => {

alert(answer === “b” ? “Correct!” : “Incorrect!”);

};

return (

<div>

<button onClick={() => checkAnswer(“A”)}>Option A</button>

<button onClick={() => checkAnswer(“B”)}>Option B</button>

<button onClick={() => checkAnswer(“C”)}>Option C</button>

</div>

);

}

1. function list(){

const [list, setList] = useState([]);

return (

<div>

<button onClick={() => setList([…list,`list ${list.length+1}`])}>Add Item</button>

<ul>

{list.map((l, i) =>(

<li key = {i}>l</li>

))}

</ul>

</div>

);

}

1. function square(){

const [color, setColor] = useState(“black”);

return (

<div style={{width=”100px”, height=”100px”, backgroundColor=color, cursor= “pointer”}} onClick{() => setColor(color === “black” ? “green” :color === “green” ? “orange” : “black”)}></div>

);

}

1. function reset(){

const [text, setText] = useState(“”);

return (

<div>

<input value={text} onChange= (e) => setText(e.target.value)} />

<button onClick={() => setText(“”)} >Reset</button>

</div>

);

}

Components:

1. function app(){

return <h1> Title </h1>

}

1. class Footer extends React.Component {

render() {

return <footer>© {new Date().getFullYear()}</footer>;

}

}

1. function Sidebar(){

return <aside>Sidebar Content</aside>

}

function MainContent(){

return <main> Main Content </main>

}

function App(){

return (

<div style={{display: “flex”, gap: “20px”}}>

<Sidebar />

<MainContent />

</div>

);

}

1. function Button({label}){

return <button>{label}</button>;

}

function App(){

return (

<>

<Button label = “Save” />

<Button label = “Cancel />

<Button label= “Delete” />

</>

);

}

1. function ProfileCard({image, name, description}){

return (

<div style={{border= “1px solid black”, padding = “10px”}}>

<img src = {image} alt={name} width= “100” />

<h2>{name}</h2>

<p>{description}</p>

</div>

);

}

function App(){

return (

<ProfileCard

image = <https://placehold.co/pic1>;

alt = “Enid Sinclair”;

description = “Java Developer”;

/>

);

}

1. function Weather({temperature, condition}){

return(

<p>Temperature : {temperature}, Condition: {condition}</p>

);

}

function App(){

return(

<Weather temperature = {28} condition = “Humid” />;

);

}

1. function NavBar(){

return (

<nav>

<a href = “#” >Home</a>|<a href = “#”>About</a>|<a href= “#”>Contact</a>

</nav>

);

}

1. function Counter(){

const [count, setCount] = useState(0);

return(

<div >

<button onClick={() => setCount(count+1)}>+</button>;

<button onClick={() => setCount(count-1)}>-</button>;

</div>

);

}

function App(){

return (

<Counter />

);

}

1. function Notification({msg}){

const [visible, seVisible] = useState(true);

return (

visible && (

<div style={{background: “#fff”, padding: “10px”}}>

{msg}<button onClick={() => setVisible(false)}>X</button>

</div>

);

);

}

function App(){

return <Notification msg=”This is a notification” />

}

1. function PostHeader(){

return <h1>This is a PostHeader</h1>

}

function PostBody(){

return <p>This is PostBody </p>

}

function PostFooter(){

return <h5>© This is the PostFooter</h5>

}

function App(){

return (

<div style={{border = “1px solid black”, padding = “10px”}}>

<PostHeader />

<PostBody />

<PostFooter />

</div>

);

}