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**11.ReactJS-HOL**

Create a React Application “eventexamplesapp” to handle various events of the form elements in HTML.

1. Create “Increment” button to increase the value of the counter and “Decrement” button to decrease the value of the counter. The “Increase” button should invoke multiple methods.
   1. To increment the value
   2. Say Hello followed by a static message.

Output:

A screenshot of a computer

AI-generated content may be incorrect.

1. Create a button “Say Welcome” which invokes the function which takes “welcome” as an argument.

Output:

A screenshot of a computer

AI-generated content may be incorrect.

1. Create a button which invokes synthetic event “OnPress” which display “I was clicked”

Output:

A screenshot of a computer

AI-generated content may be incorrect.

Create a “CurrencyConvertor” component which will convert the Indian Rupees to Euro when the Convert button is clicked.

Handle the Click event of the button to invoke the handleSubmit event and handle the conversion of the euro to rupees.

Output:

A screenshot of a computer

AI-generated content may be incorrect.

**Code:**

import React, { useState } from "react";

import "./App.css";

import CurrencyConverter from "./CurrencyConvertor.js";

function App() {

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

  // Method 1: Increment

  const increment = () => {

    setCount(count + 1);

    sayHello(); // call another function

  };

  // Method 2: Decrement

  const decrement = () => {

    setCount(count - 1);

  };

  // Method 3: Say Hello

  const sayHello = () => {

    alert("Hello! Member1");

  };

  // Method 4: Say Welcome (with parameter)

  const sayWelcome = (message) => {

    alert(`Hello! ${message}`);

  };

  // Method 5: Handle Click Event

  const handleClick = (event) => {

    alert("I was clicked");

  };

  return (

    <div className="App">

      <h1>{count}</h1>

      <button onClick={increment}>Increment</button>

      <button onClick={decrement}>Decrement</button>

      <br /><br />

      <button onClick={() => sayWelcome("Welcome")}>Say welcome</button>

      <br /><br />

      <button onClick={handleClick}>Click on me</button>

      <br /><br />

      <CurrencyConverter />

    </div>

  );

}

export default App;

