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GitHub Link:-[https://github.com/Riteshksahoo/Cognizant\_6364581\_Ritesh](#_top)CognizantDotNet

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11. ReactJS-HOL**

**App.js**

import React, { useState, useEffect } from "react";

import "./App.css";

function App() {

  const [count, setCount] = useState(5);

  const [amount, setAmount] = useState("");

  const [currency, setCurrency] = useState("");

  useEffect(() => {

    alert("Hello, Member!");

  }, []);

  const incrementHandler = () => {

    setCount(count + 1);

  };

  const decrementHandler = () => {

    setCount(count - 1);

  };

  const sayWelcome = () => {

    alert("welcome");

  };

  const onButtonClick = () => {

    alert("I was clicked");

  };

  const handleSubmit = (e) => {

    e.preventDefault();

    if (currency.toLowerCase() === "euro") {

      const converted = parseFloat(amount) \* 80;

      alert(`Converting to Euro Amount is ${converted}`);

    } else {

      alert("Currency not supported");

    }

  };

  return (

    <div className="App">

      <h2>{count}</h2>

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

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

      <br />

      <button onClick={sayWelcome}>Say welcome</button>

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

      <h1>Currency Convertor!!!</h1>

      <form onSubmit={handleSubmit}>

        <div>

          <label>Amount: </label>

          <input

            type="text"

            value={amount}

            onChange={(e) => setAmount(e.target.value)}

          />

        </div>

        <div>

          <label>Currency: </label>

          <input

            type="text"

            value={currency}

            onChange={(e) => setCurrency(e.target.value)}

          />

        </div>

        <button type="submit">Submit</button>

      </form>

    </div>

  );

}

export default App;

**App.css**

body {

  background-color: white;

  color: black;

  font-family: Arial, sans-serif;

  margin: 20px;

}

h1 {

  color: green;

  font-size: 28px;

  font-weight: bold;

  margin-top: 30px;

}

.App {

  text-align: left;

}

button {

  margin: 5px;

  padding: 5px 10px;

  font-size: 14px;

}

input {

  margin: 5px;

  padding: 4px;

  font-size: 14px;

}

form {

  margin-top: 20px;

}

**Output**





