**11. ReactJS-HOL**

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

App.js

import React, { useState } from 'react';

import CurrencyConvertor from './CurrencyConvertor';

import './App.css';

function App() {

  const [count, setCount] = useState(1);

  const handleIncrement = () => {

    setCount(currentCount => currentCount + 1);

    alert('hello reactant');

  };

  const handleDecrement = () => {

    setCount(currentCount => currentCount - 1);

  };

  const sayMessage = (message) => {

    alert(message);

  };

  return (

    <div className="App">

      <h1>{count}</h1>

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

      <br/><br/>

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

      <br/><br/>

      <button onClick={() => sayMessage('welcome')}>Say Welcome</button>

      <br/><br/>

      <button onClick={() => alert('i was clicked')}>Click on me</button>

      <hr/>

      <CurrencyConvertor />

    </div>

  );

}

export default App;

CurrencyConvertor.js

import React, { useState } from 'react';

function CurrencyConvertor() {

  const [amount, setAmount] = useState(80);

  const [currency, setCurrency] = useState('Euro');

  const handleSubmit = () => {

    const convertedAmount = amount \* 80;

    alert(`Converting to ${currency} Amount is ${convertedAmount}`);

  };

  return (

    <div>

      <h2 className="header-green">Currency Convertor!!!</h2>

      <label>

        Amount:

        <input

          type="number"

          value={amount}

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

        />

      </label>

      <br/><br/>

      <label>

        Currency:

        <input

          type="text"

          value={currency}

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

        />

      </label>

      <br/><br/>

      <button onClick={handleSubmit}>Submit</button>

    </div>

  );

}

export default CurrencyConvertor;

App.css

.App {

  padding: 20px;

  font-family: sans-serif;

}

.header-green {

  color: green;

}

button {

  margin-right: 10px;

}

hr {

  margin: 30px 0;

}

**Output:**

