1. **ReactJS HOL Solutions**

**App.js**

import React, { useState } from 'react';

import './App.css';

import CurrencyConverter from './CurrencyConverter';

function App() {

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

const increment = () => {

setCount(count + 1);

sayHello();

};

const decrement = () => {

setCount(count - 1);

};

const sayHello = () => {

alert("Hello! Member1");

};

const sayWelcome = (msg) => {

alert(msg);

};

const handleClick = (e) => {

alert("I was clicked");

};

return (

<div className="App">

<h2>{count}</h2>

<button onClick={increment}>Increment</button> &nbsp;

<button onClick={decrement}>Decrement</button> &nbsp;

<button onClick={() => sayWelcome("welcome")}>Say welcome</button> &nbsp;

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

<br /><br />

<CurrencyConverter />

</div>

);

}

export default App;

**CurrencyConvertor.js**

import React, { useState } from 'react';

function CurrencyConverter() {

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

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

const handleSubmit = (e) => {

e.preventDefault();

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

const converted = amount \* 80;

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

} else {

alert("Please enter 'Euro' as the currency.");

}

};

return (

<div>

<h2 style={{ color: 'green' }}>Currency Convertor!!!</h2>

<form onSubmit={handleSubmit}>

<label>Amount: </label>

<input type="number" value={amount} onChange={(e) => setAmount(e.target.value)} /><br /><br />

<label>Currency: </label>

<input type="text" value={currency} onChange={(e) => setCurrency(e.target.value)} /><br /><br />

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

</form>

</div>

);

}

export default CurrencyConverter;

**OUTPUT:**



