TASK 3:

CODE:

import React, { useState } from 'react';

function App() {

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

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

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

// Function to increment + greet

const handleIncrement = () => {

setCount(count + 1);

sayHello();

showMessage("Hello! Member1");

};

// Say hello function

const sayHello = () => {

console.log("Hello function called");

};

// Function to decrement

const handleDecrement = () => {

setCount(count - 1);

};

// Say welcome function

const sayWelcome = (msg) => {

alert(msg);

};

// Handle click event using synthetic event

const handleClick = () => {

alert("I was clicked");

};

// Currency conversion logic

const handleSubmit = (e) => {

e.preventDefault();

const conversionRate = 80; // Assume 1 Euro = ₹80

const rupee = parseFloat(amount);

const euroAmount = rupee \* conversionRate;

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

};

// Message alert helper

const showMessage = (msg) => {

alert(msg);

};

return (

<div style={{ padding: '20px' }}>

<div>{count}</div>

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

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

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

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

<h1 style={{ color: 'green' }}>Currency Convertor!!!</h1>

<form onSubmit={handleSubmit}>

<label>Amount:</label>

<input

type="text"

value={amount}

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

/>

<br />

<label>Currency:</label>

<textarea

value={currency}

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

/>

<br />

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

</form>

</div>

);

}

export default App;

OUTPUT:

