**8.Counterapp**

**AIM:** Create a React App “counterapp” which will have a component named “CountPeople” which will have 2 methods.

UpdateEntry() ( which will display the number of people who entered the mall.

UpdateExit() ( which will display the number of people who exited the mall.

**APP.JS:**

import React from 'react';

import CountPeople from './CountPeople';

function App() {

return (

<div>

<h1 style={{ textAlign: 'center' }}>Mall Entry Management</h1>

<CountPeople />

</div>

);

}

export default App;

**CountPeople.js:**

import React, { Component } from 'react';

class CountPeople extends Component {

constructor() {

super();

this.state = {

entrycount: 0,

exitcount: 0,

};

}

updateEntry() {

this.setState((prevState) => {

return { entrycount: prevState.entrycount + 1 };

});

}

updateExit() {

this.setState((prevState) => {

return { exitcount: prevState.exitcount + 1 };

});

}

render() {

return (

<div style={styles.container}>

<div style={styles.box}>

<button onClick={() => this.updateEntry()} style={styles.button}>Login</button>

<span style={styles.text}>{this.state.entrycount} People Entered!!!</span>

</div>

<div style={styles.box}>

<button onClick={() => this.updateExit()} style={styles.button}>Exit</button>

<span style={styles.text}>{this.state.exitcount} People Left!!!</span>

</div>

</div>

);

}

}

const styles = {

container: {

display: 'flex',

justifyContent: 'center',

marginTop: '50px',

},

box: {

margin: '0 40px',

textAlign: 'center',

},

button: {

backgroundColor: 'lightgreen',

border: '1px solid green',

padding: '10px 20px',

cursor: 'pointer',

fontWeight: 'bold',

marginRight: '10px',

},

text: {

fontSize: '18px',

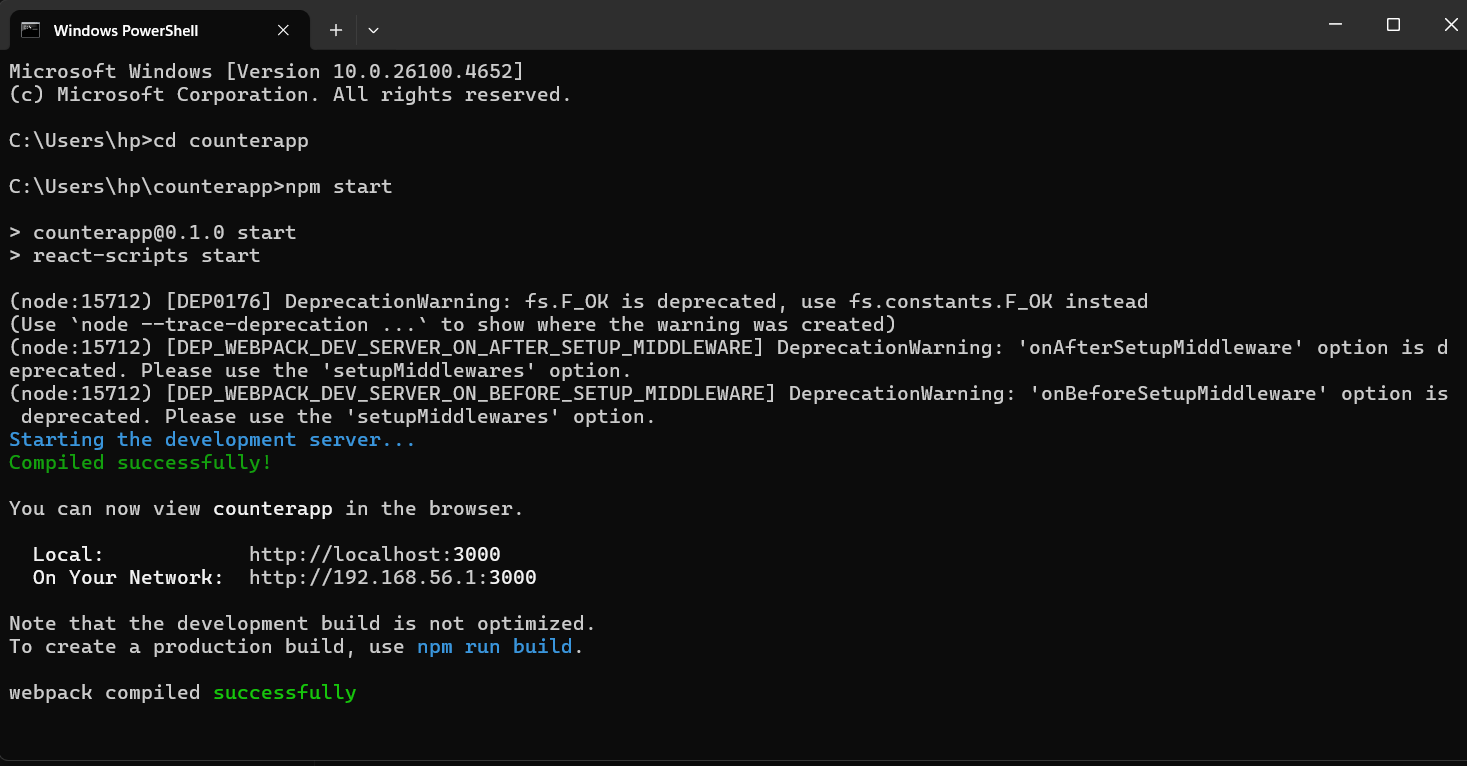
fontWeight: 'bold',

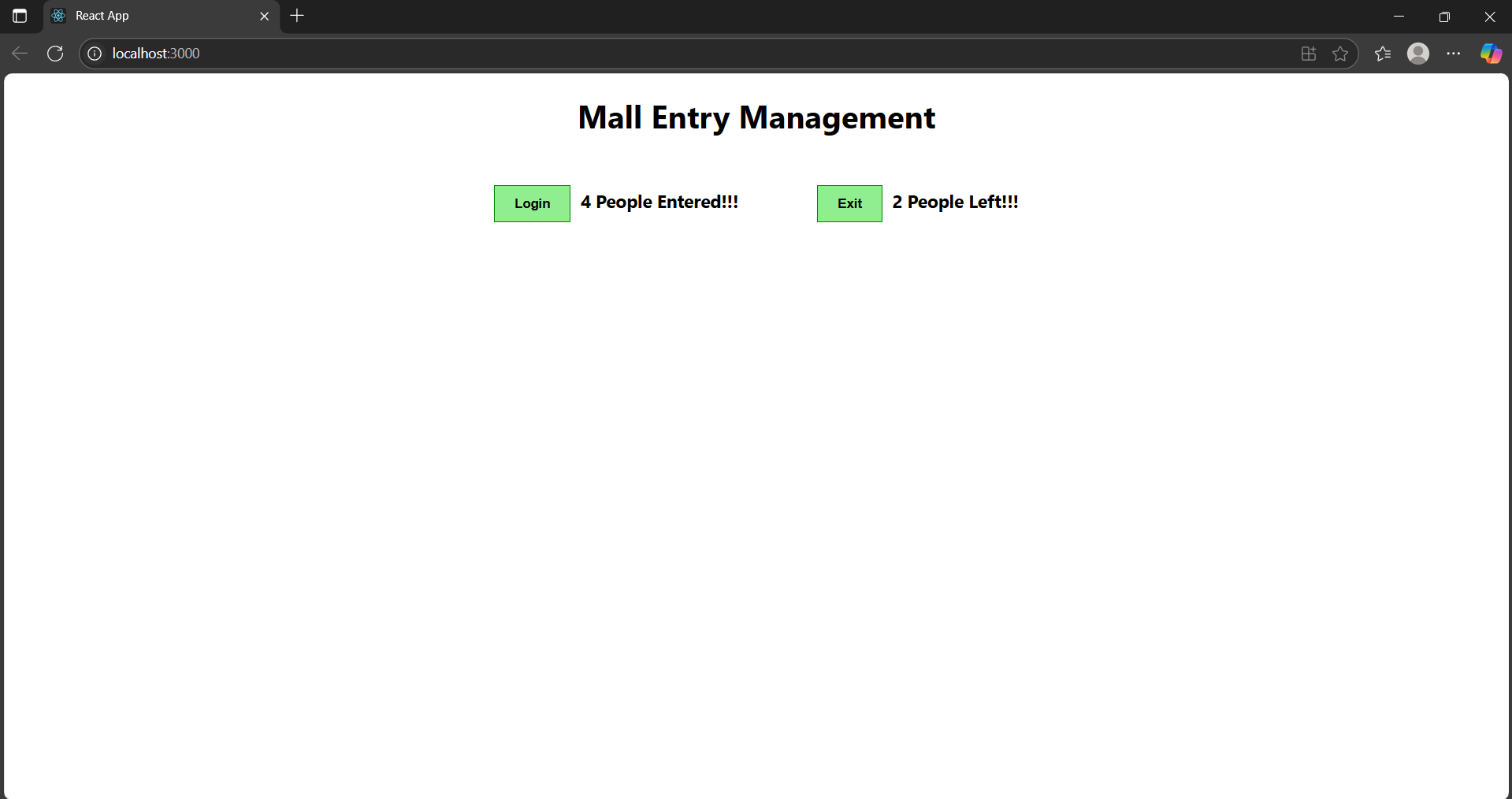
},

};

export default CountPeople;

**OUTPUT:**

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