**WEEK 6 : REACT Hands On 8**

**Creating a Counter React Application**

**Code :**

**CountPeople.js**

import React, { Component } from 'react';

class CountPeople extends Component {

  constructor(props) {

    super(props);

    this.state = {

      entryCount: 0,

      exitCount: 0

    };

  }

  updateEntry = () => {

    this.setState(prevState => ({

      entryCount: prevState.entryCount + 1

    }));

  };

  updateExit = () => {

    this.setState(prevState => ({

      exitCount: prevState.exitCount + 1

    }));

  };

  render() {

    return (

      <div className="counter-container">

        <h2>People Counter</h2>

        <div className="count-display">

          <p>Entry: {this.state.entryCount}</p>

          <p>Exit: {this.state.exitCount}</p>

        </div>

        <div className="button-group">

          <button onClick={this.updateEntry}>Login</button>

          <button onClick={this.updateExit}>Exit</button>

        </div>

      </div>

    );

  }

}

export default CountPeople;

**App.css**

.counter-container {

  max-width: 400px;

  margin: 50px auto;

  padding: 20px;

  border: 1px solid #ccc;

  border-radius: 8px;

  text-align: center;

  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);

}

.count-display {

  margin: 20px 0;

  font-size: 18px;

}

.count-display p {

  margin: 10px 0;

}

.button-group button {

  margin: 0 10px;

  padding: 8px 16px;

  font-size: 16px;

  cursor: pointer;

  background-color: #4CAF50;

  color: white;

  border: none;

  border-radius: 4px;

}

.button-group button:last-child {

  background-color: #f44336;

}

.button-group button:hover {

  opacity: 0.8;

}

**App.js**

import React from 'react';

import './App.css';

import CountPeople from './CountPeople';

function App() {

  return (

    <div className="App">

      <CountPeople />

    </div>

  );

}

export default App;

**Output :**

