**202101619010159**

**HARSHIL PRAJAPATI**

**iMScIT SEM - 9**

**MERN [SET - 5]**

**TempControl.jsx**

import React, { useState } from 'react'

const TempControl = () => {

const [temperature, setTemperature] = useState(25)

const increaseTemp = () => {

setTemperature(temperature + 5)

}

const decreaseTemp = () => {

// temperature > 0 ? setTemperature(temperature-5) : setTemperature(0)

setTemperature(temperature - 5)

}

return (

<>

<h1>TEMPERATURE CONTROL</h1>

<h2 style={{ color: 'red' }}>{temperature}</h2>

<button type="button" onClick={increaseTemp}>Increase [+5]</button>

<button type="button" onClick={decreaseTemp}>Decrease [-5]</button>

<button type="button" onClick={() => setTemperature(0)}>Reset</button>

</>

)

}

export default TempControl

**CourseList.jsx**

import React from 'react'

const CourseList = () => {

let courses = ["ReactJs", "Node.Js", "MongoDB", "Angular"]

return (

<>

<h1>COURSE LIST</h1>

<ul>

{courses.map((val, index) => {

return (

<li key={index}>{val}</li>

)

})}

</ul>

</>

)

}

export default CourseList

**App.jsx**

import "./App.css"

import CourseList from "./harshil/CourseList"

import TempControl from "./harshil/TempControl"

function App() {

return (

<>

{/\* 202101619010159 \*/}

{/\* <h1>Hello React</h1> \*/}

<TempControl></TempControl>

<CourseList></CourseList>

</>

)

}

export default App

**App.css**

button {

height: 50px;

width: 180px;

margin: 0px 10px;

background-color: cornflowerblue;

font-size: 18px;

}

button:hover {

background-color: lightgreen;

color: black;

}