**Enrollment Number :- 202101619010188**

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**Set 1**

**App.jsx**

// import "./App.css"

import Counter from "./Counter"

import ShoppingList from "./ShoppingList"

function App() {

return (

<>

<Counter/><br/>

<hr/>

<ShoppingList/>

</>

)

}

export default App

**Q1. Counter.jsx**

import React, { useState } from 'react'

const Counter = () => {

const [count,setCount] = useState(10)

const decrement = () => {

count>0 ? setCount(count-2) : setCount(0)

}

return (

<>

<h2 style={{color:"gray", backgroundColor:"lightblue"}}>Increment or Decrement by 2</h2>

<h2 style={{color:"green"}}>Count is : {count}</h2><br/>

<button type='button' style={{color:"red", backgroundColor:"yellow"}} onClick={()=>setCount(count+2)}>Increment by 2</button>

<button type='button' style={{color:"red", backgroundColor:"yellow"}} onClick={decrement}>Decrement by 2</button><br/>

</>

)

}

export default Counter

**Q2. ShoppingList.jsx**

import React from 'react'

const ShoppingList = () => {

let items = ["Milk","Bread","Eggs","Butter","Paneer"]

return (

<>

<h2 style={{color:"gray", backgroundColor:"lightblue"}}>Items as an Unordered List</h2>

<ul>

<h4 style={{color:"blue"}}>{items.map((value,index)=><li key={index}>Index = {index} and Item = {value}</li>)}</h4>

</ul>

</>

)

}

export default ShoppingList

**main.jsx**

import { StrictMode } from 'react'

import { createRoot } from 'react-dom/client'

// import './index.css'

import App from './App.jsx'

// import 'bootstrap/dist/css/bootstrap.css'

// import 'bootstrap/dist/js/bootstrap.js'

createRoot(document.getElementById('root')).render(

<StrictMode>

<App />

</StrictMode>,

)

**----------------------------------------------XXX-------------------------------------------------------------------**