App.js-🡪

import './App.css';

import Header from './MyComponent/Header';

import {Todos}  from './MyComponent/Todos';

import { Footer } from './MyComponent/Footer';

import { useState } from 'react';

import { AddTodo } from './MyComponent/AddTodo';

function App() {

  const onDelete=(todo)=>{

    console.log("I am onDelete of todo",todo);

    //Deleting this way react does not work

    // let index = todos.indexOf(todo);

    // todos.splice(index,1);

    setTodos(todos.filter((e)=>{

      return e!==todo;

    }))

  }

  const addTodo = (title , desc) =>{

    console.log("I am adding this todo", title , desc)

    let sno = todos[todos.length-1].sno +1;

    const myTodo={

      sno: sno,

      title: title,

      desc : desc,

    }

    setTodos([...todos, myTodo]);

    console.log(myTodo);

  }

  const [todos, setTodos]= useState([

    {

      sno:1,

      title:"Go to the market",

      desc:"You need to go to the market to get this job done1"

    },

    {

      sno:2,

      title:"Go to the mall",

      desc:"You need to go to the mall to get this job done2"

    },

    {

      sno:3,

      title:"Go to the ghat",

      desc:"You need to go to the ghat to get this job done3"

    },

  ]);

  return(

    <>

    <Header title="My Todos List" searchBar={false}/>

    <AddTodo addTodo={addTodo}/>

    <Todos todos={todos} onDelete={onDelete}/>

    <Footer/>

    </>

  );

}

export default App;

Todos.js🡪

import React from 'react'

import { TodoItem } from './TodoItem';

export const Todos = (props) => {

  let myStyle={

    minHeight:"100vh"

  }

  return (

    <div className="container" style={myStyle}>

      <h3 className="my-3">Todos List</h3>

      {props.todos.length===0? "No Todos to display":

       props.todos.map((todo)=>{

        return <TodoItem todo={todo} key={todo.sno} onDelete={props.onDelete}/>

      })}

      </div>

  )

}

TodoItem.js🡪

import React from 'react'

export const TodoItem = ({todo, onDelete}) => {

  return (

    <div>

      <h4>{todo.title}</h4>

      <p>{todo.desc}</p>

      <button className="btn btn-sm btn-danger"  onClick={()=>{onDelete(todo)}}>Delete</button>

      </div>

  )

}

AddTodo.js🡪

import React, { useState } from 'react'

export const AddTodo = (props) => {

  const [title, setTitle] = useState("");

  const [desc, setDesc] = useState("");

  const submit = (e)=>{

    e.preventDefault();

    if(!title || !desc){

      alert("Title or Description can not be blank");

    }

   props.addTodo(title,desc);

  }

  return (

  <div className="container my-3">

    <h3>Add a Todo</h3>

    <form onSubmit={submit}>

  <div className="mb-3">

    <label htmlFor="title" className="form-label">Todo Title</label>

    <input type="text" value ={title} onChange={(e)=>setTitle(e.target.value)}

    className="form-control" id="title" aria-describedby="emailHelp"/>

  </div>

  <div className="mb-3">

    <label htmlFor="desc" className="form-label">Todo Description</label>

    <input type="text" value={desc}  onChange={(e)=>setDesc(e.target.value)}

     className="form-control" id="desc"/>

  </div>

  <button type="submit" className="btn btn-sm btn-success">Add Todo</button>

</form>

</div>

  )

}

Footer.js🡪

import React from 'react'

export const Footer = () => {

//  let footerStyle={

//    position: "relative",

//    top: "50vh",

//    width: "100%",

//  }

  return (

    <footer className="bg-dark text-light py-3">

    {/\* style={footerStyle}> \*/}

      <p className="text-center">

        Copyright &copy; MyTodosList.com

      </p>

    </footer>

  )

}

Header.js🡪

import React from 'react'

export default function Header(props) {

  return (

    <nav className="navbar navbar-expand-lg navbar-light bg-light">

  <div className="container-fluid">

    <a className="navbar-brand" href="#">{props.title}</a>

    <button className="navbar-toggler" type="button" data-bs-toggle="collapse"

     data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent"

      aria-expanded="false" aria-label="Toggle navigation">

      <span className="navbar-toggler-icon"></span>

    </button>

    <div className="collapse navbar-collapse" id="navbarSupportedContent">

      <ul className="navbar-nav me-auto mb-2 mb-lg-0">

        <li className="nav-item">

          <a className="nav-link active" aria-current="page" href="#">Home</a>

        </li>

        <li className="nav-item">

          <a className="nav-link" href="#">About</a>

        </li>

      </ul>

      <form className="d-flex">

        <input className="form-control me-2" type="search" placeholder="Search" aria-label="Search"/>

        <button className="btn btn-outline-success" type="submit">Search</button>

      </form>

    </div>

  </div>

</nav>

  )

}