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| **Practical 3:- Create a ToDo App using ReactJS.** |

**App.js**

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| import { useState } from 'react'  import reactLogo from './assets/react.svg'  import viteLogo from '/vite.svg'  import TodoList from './TodoList'  import TodoItem from './TodoItem'  import './App.css'  export default function App() {  return (  <>  <div className='App'>  <TodoList/>  </div>  </>  );  }  **TodoItem.js**  import './App.css';  export default function TodoItem(props)  {  const completedStyle={  color: props.task.completed ? 'green' : 'red',  };  const deleteButtonStyle = {  backgroundColor: 'red',  color: 'white',  marginRight: '5px',  };  const completeStyle={  backgroundColor:'#00cc33',  color :'White',  marginRight:'5px',  }  return(  <div className="TodoItem">  <h2>{props.task.title}</h2>  <p style={completedStyle}>Completed {props.task.completed?"Yes":"No"}</p>  <button onClick={props.onDelete} style={deleteButtonStyle}>Delete</button>&nbsp;&nbsp;  <button onClick={props.onComplete} style={completeStyle}>Complete</button>  </div>  );  }  **TodoList.js**  import TodoItem from "./TodoItem";  import './App.css';  import { useState } from "react";  export default function TodoList() {  const task = [ { id: 1, title: "Learn React", completed: false }, ]  const [todo, setTodo] = useState(task);  const [inputValue, setInputValue] = useState("");  const deleteTodo = (keyId) => {  const updateTodo = todo.filter(answer => answer.id !== keyId);  setTodo(updateTodo);  }  const Complete = (keyId) => {  const newTodo = todo.map(val => {  if (val.id == keyId) {  return { ...val, completed: !val.completed }}  return val;  })  setTodo(newTodo);  }  const addTodo = () => {  const newobj = {  id: Date.now(),  title: inputValue,  completed: false  }  setTodo([...todo, newobj]);  setInputValue("");  }  return ( <div className="TodoList">  <h1><u>TODO APP</u></h1>  {todo.map(row => (  <TodoItem key={row.id}  task={row}  onDelete={() => deleteTodo(row.id)}  onComplete={() => Complete(row.id)} />  ))}  <br/>  <div className="inputContainer">  <input  type="text"  className="TodoInput"  value={inputValue}  onChange={(e)=> setInputValue(e.target.value)}  placeholder="Please enter your tasks"  /><br/><br/>  <button onClick={addTodo} className="addTodoButton">  Add New Button  </button>  </div>  </div>  );}  **Output:-**      A screenshot of a computer program |