#### Task 1: Display a List of Names

### Task 2: TodoList (Mark Completed Tasks)

```
src/TodoList.js
```

## Task 3: ProductList (Filter Products Under \$10)

### Task 4: UserList (Display Name & Email)

export default UserList;

### Task 5: ShoppingCart (Display Items & Prices)

```
src/ShoppingCart.js
```

#### Step 6: Combine Everything in App.js

```
src/App.js
```

```
import React from "react";
import NameList from "./NameList";
import TodoList from "./TodoList";
```

```
import ProductList from "./ProductList";
import UserList from "./UserList";
import ShoppingCart from "./ShoppingCart";
function App() {
  const names = ["Alice", "Bob", "Charlie", "David"];
  const tasks = [
   { text: "Buy groceries", completed: true },
   { text: "Study React", completed: false },
    { text: "Go for a walk", completed: true }
  const products = [
   { id: 1, name: "Pencil", price: 2 },
   { id: 2, name: "Notebook", price: 5 },
    { id: 3, name: "Backpack", price: 20 }
  1;
  const users = [
   { id: 1, name: "John Doe", email: "john@example.com" },
    { id: 2, name: "Jane Smith", email: "jane@example.com" }
  1;
  const cartItems = [
   { id: 1, name: "Apple", price: 1 },
   { id: 2, name: "Banana", price: 2 },
   { id: 3, name: "Laptop", price: 999 }
  ];
  return (
    <div>
      <h2>Rendering Lists Example</h2>
      <h3>Name List</h3>
      <NameList names={names} />
      <h3>Todo List</h3>
      <TodoList tasks={tasks} />
      <h3>Product List (Under $10)</h3>
      <ProductList products={products} />
      <h3>User List</h3>
      <UserList users={users} />
      <h3>Shopping Cart</h3>
      <ShoppingCart items={cartItems} />
    </div>
 );
export default App;
```

# Step 7: Render Everything in index.js