

ANGULAR TODO LIST LAB PART 1

Task: Create an Angular application that displays to-dos.

What does the application do?

1. Displays a hard-coded list of todos.

Build Specifications:

1. Every Angular component must be in a separate script file.
2. Must include a module called **"todoApp"**.
3. Must include a controller called **"TodoController."**
4. The controller must add an array of sample todo objects to the view model. Each todo object has "task" (string) and "completed" (boolean). Include a mix of complete and incomplete items.
5. The **ngRepeat** directive must be used.
6. The **ngClass** directive must be used to add a "completed" class for completed todos.
7. The **ngIf** directive must be used to remove the button "complete" button for completed todos.
8. "x" buttons, "complete" buttons, the two inputs, and the "Add" button are all non-functional for now. Add them to the HTML and style them. We will make them work in the next lab.

Design:



TODO List

A place to store the things you have to do!

Filter your to-dos

1. ☒ Complete Walk the dog. ☐
2. ☐ Go to the store. ☐
3. ☒ Complete Get gas. ☐
4. ☒ Complete Wash the car. ☐

Add your to do

Add



ANGULAR TODO LIST LAB PART 2

Task: Add interactivity to the todo list.

What does the application do?

1. The user can add items to the bottom of the list.
2. The user can filter the list.
3. The user can remove items from the list, by clicking the “x”.
4. The user can mark items complete by clicking the “complete” button.

Build Specifications:

1. Submitting the form calls a function named `addTask` that adds a new todo to the array with the `complete` property set to **false**.
2. Clicking the “x” on an item executes a function named `removeTask` that removes that item from the array.
3. Clicking the “complete” button executes a function named `completeTask` that sets the task’s **completed** property to **true**.
4. The text input at the top is for filtering. Typing into the filter text input uses an Angular filter to filter the items shown.

Bonus: Give users the ability to edit the text of a todo.

