

ANGULAR LABS

There are four AngularJS Labs. The first two work together to complete a todo list, and the final two each stand on their own.

1. Todo List Part 1: Display to-do items. (Topic: Basic AngularJS MVC)
2. Todo List Part 2: Add, remove, and complete to-do items. (Topic: Angular MVC)
3. Construct a list of small posts, similar to Twitter. (Topic: Components and Binding)
4. Create a user profile page and a form to edit user details. (Topic: Services and Routing)



ANGULAR TODO LIST LAB PART 1

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

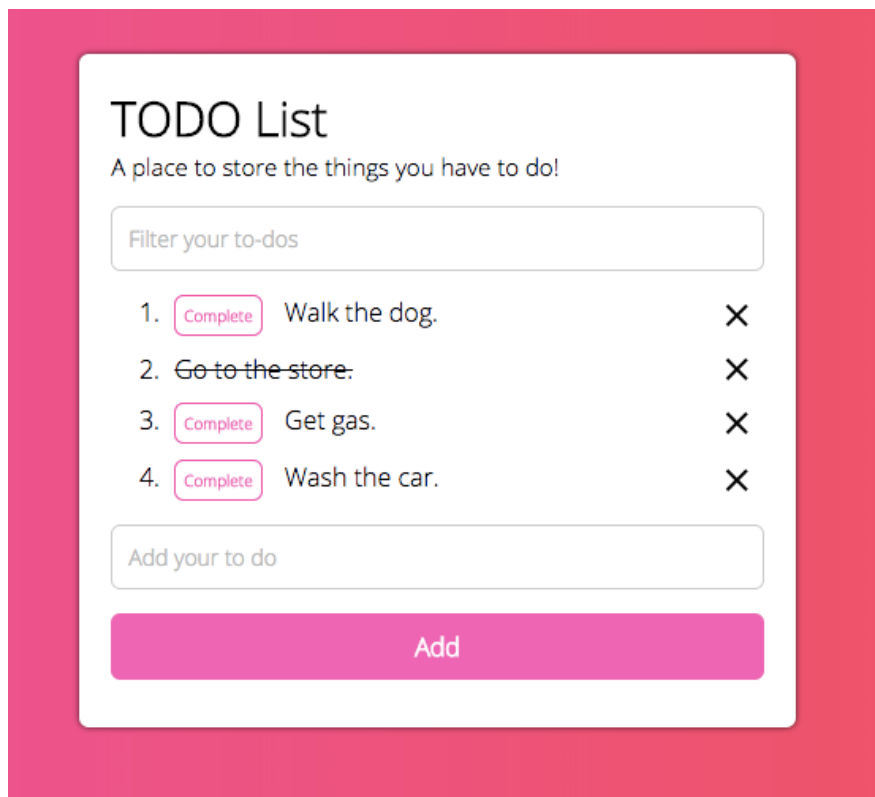
What does the application do?

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. Just add them to the HTML and style them. We will make them work in the next lab.

Design:



The screenshot shows a web application titled "TODO List" with the subtitle "A place to store the things you have to do!". It features a search bar labeled "Filter your to-dos". Below this is a list of four items: "1. Complete Walk the dog.", "2. Go to the store.", "3. Complete Get gas.", and "4. Complete Wash the car.". Each item has a pink "Complete" button and a black "X" button. At the bottom, there is an input field labeled "Add your to do" and a pink "Add" button.

