AngularJS Quick Start Lab

Let's see if we can get Angular working in our project.

- 1. Add a folder under app called "main".
- 2. Add a view in your app/main folder called "aboutUs.html". The contents aren't important as long as you have the following hardcoded data points in there:
 - Company name
 - Your company street address, city, region/state/province, zip/postal code
 - Your company phone number
 - A company contact email
 - Social media links (like Facebook, Twitter, LinkedIn, YouTube, etc).
 - Today's date
- 3. Add this in the <head> of your page:

```
<script src="/app/node modules/angular/angular.js"></script>
```

4. Make the body tag say:

```
<body ng-app="mainModule">
```

- 5. Load the page and open developer tools to the Network or Sources tab and ensure that angular.js is being read.
- 6. Find all your data points from above and change the hardcoded values to Angular expressions. (Hint: use mustaches like so: {{company.name}}, {{company.streetAddress}}, {{company.city}} and so forth).
- 7. Reload the page. You should still see the mustaches.

Adding a module

8. Create a new file in the /app/main directory called *mainModule.js*. In it, create a module like so:

```
var mod = angular.module("mainModule", []);
mod.controller("aboutUsController", function ($scope) {
  console.log("In the controller");
});
```

- 9. Add a script tag to the <head> of your page pointing to it.
- 10. Run the page and look at the console. Do you see your message? No? Good. You shouldn't. You haven't used that controller yet!

Using the controller

- 11. Add ng-controller="aboutUsController" to the <body> tag.
- 12. Re-run and look at the console. You should see the message.
- 13. Now go back into the controller and create a JSON object like so:

```
$scope.company = { phone: "867-5309" };
```

- 14. Re-run. Your phone number in the view should be populated from the controller
- 15. Do the same for all the other properties of your made-up company object.

16. Add today's date like so:

```
$scope.today = new Date();
```

17. Run and test. If you like your new page, you can be finished. If not, change its format until you're happy.

Bonus!! Formatting the date

- 18. If you have time, you may notice that the date is ugly. Let's fix that with a filter.
- 19. Find where the view is putting the date on the page. It should be in mustaches.
- 20. Inside the mustaches, add a pipe symbol with the word "date" after it. Like so:

```
{{ today | date }}
```

- 21. Run and test. Better?
- 22. Try a couple of these:

```
{{ today | date:"fullDate" }}
{{ today | date:"longDate" }}
{{ today | date:"shortDate" }}
{{ today | date:"mediumDate" }}
```