# CPSC 473 - Web Programming and Data Management

## Spring 2015

### Final Homework Assignment, due the week of May 4

1. Read AngularJS for Absolute Beginners.
2. If you prefer video, try watching AngularJS Fundamentals in 60-ish minutes, then re-read the tutorial.
3. Modify Example 2 from Chapter 4 ("Our First Interactive App," aka "Comments," aka single-user chat) to use AngularJS:
    a. Create a module
    b. Create a view for the `<main>` part of the page
    c. Create a controller for the view
    d. Use data binding for both `.comment-input` and `.comments`
    e. Add initial `comments` to the `$scope`
    f. Add a method to the controller for `addCommentFromInputBox`
4. Answer the following questions:
    a. Do you find the code to be simpler when using AngularJS? If so, how? If not, why?
    b. Would a beginner to front-end development find the code to be simpler? Why or why not?
    c. How might the structure provided by AngularJS simplify building larger web applications?

#### Tips

- Unlike the last assignment, this one is actually easier than it sounds (assuming that you attended class and worked through the tutorial, of course).

#### Submission

E-mail the following items to csuf.kenytt.net@gmail.com:

1. A link to a new GitHub repository containing your application
2. Screenshots showing your application in action
3. Set the `Subject:` line of your e-mail to

```
[CPSC 473 - Section 1] Assignment 10
```

or

```
[CPSC 473 - Section 2] Assignment 10
```

as appropriate (Wednesday night is Section 1; Monday night is Section 2).

## Grading

One point for each component of Steps 3 and 4, plus one point for a fully-working application.

Your code must be properly indented. Failure to do so will result in loss of a point. If you cannot figure out how to do this, click here.

Your code must pass JSHint using the configuration shown here. Failure to do so will result in loss of another point.

Your submission e-mail must have the correct `Subject:` heading. Failure to do so will result in loss of a point.