

CPSC 473 - Front-End Engineering - Spring 2018

Homework 3

Section 02 - due March 5, Section 01 - due March 7

In this assignment, you will bring up the CoffeeRun app and experiment with using its `FormHandler` module to process data from a form submission.

Complete the following:

1. Work through Chapter 8 to create the `DataStore` and `Truck` modules. Add `.eslintrc.js` to your repository, and be sure to fix any errors found by ESLint.

As you create the modules, be sure to test them interactively in the DevTools Console, as in Figures 8.10 and 8.32. Keep in mind that you can recall previously executed code using the Up and Down arrow keys on your keyboard.
2. Complete Chapters 9 and 10 to create a form, style it with Bootstrap, and use jQuery to define a `FormHandler` object.
3. Read the MDN articles [Your first HTML form](#) and [How to structure an HTML form](#), and create a new HTML file with the payment form from the end of the second article.
4. Now modify the payment form to load the `FormHandler` module and add a submit handler. (The default handler action of logging to the console is fine for this step, but we'll enhance the handler in Step (6) below.)
5. Complete Chapter 11 to add the `CheckList` module to CoffeeRun and see how to create DOM elements with jQuery.

6. Add the [jQuery Modal](#) plugin to the page for the payment form you created in Step (4) above.

Modify the submit handler code to open a modal dialog box thanking the user for their payment, using the `title` and `name` values from the form (e.g., "Thank you for your payment, Ms. Ada Lovelace").

7. Push the contents of your project to a new GitHub repository. Do not push this assignment to the same repository as your previous homework assignments.

Submission

Turn in the code for this homework by uploading your project to a public repository on GitHub. While you may discuss this homework assignment with other students, you must complete the work on your own.

To complete your submission, print the following sheet, fill out the spaces below, and submit it to the professor in class by the deadline. Failure to follow the instructions exactly will incur a **10%** penalty on the grade for this assignment.

Homework Submission

CPSC 473, Section _____

Homework 3

Your name _____

GitHub repository <https://github.com/>_____/_____

Verify each of the following items and place a checkmark in the correct column. Each item incorrectly marked will incur a **5%** penalty on the grade for this assignment.

Completed	Not Completed	
<input type="checkbox"/>	<input type="checkbox"/>	The CoffeeRun page can be viewed at http://localhost:3000 when browser-sync is running
<input type="checkbox"/>	<input type="checkbox"/>	myTruck object is accessible from the DevTools Console
<input type="checkbox"/>	<input type="checkbox"/>	The CoffeeRun order form matches Figure 9.12
<input type="checkbox"/>	<input type="checkbox"/>	Submitted orders show up in the checklist of Pending Orders
<input type="checkbox"/>	<input type="checkbox"/>	Deliveries can be made by clicking checklist items
<input type="checkbox"/>	<input type="checkbox"/>	Payment form created using the FormHandler module
<input type="checkbox"/>	<input type="checkbox"/>	Submitting the payment form thanks the user in a modal dialog
<input type="checkbox"/>	<input type="checkbox"/>	An .eslintrc.js file is present in the root of the repository
<input type="checkbox"/>	<input type="checkbox"/>	All issues detected by linter-eslint have been fixed
<input type="checkbox"/>	<input type="checkbox"/>	No error messages appear in the browser's DevTools console
<input type="checkbox"/>	<input type="checkbox"/>	HTML, CSS, and JavaScript code have been reformatted with the atom-beautify plugin
<input type="checkbox"/>	<input type="checkbox"/>	Project directory pushed to new GitHub repository listed above

Comments on your submission
