CS6252 Web Technologies II
Lab Assignment: Arrays
Due date: Jan 26, 2018, 11:55pm

Part 1

Download and import the starter project into Eclipse. Open the Little Library project in Eclipse. It is almost the same as the starter project for the previous lab assignment. Note that the catalog page displays a single book only. We will update the page to display several books.

1. Implement the function getBookCatalog of class Model to return an array of at least five books. (Make up any books, use your favorite books, or use books that correspond to the images in folder model/images.)
2. In the controller, update the case 'show_catalog_page' to call the getBookCatalog method of the class Model and to store the returned array in a variable. You can remove the method call to getBook().
3. Inside the table element in file contact.php, iterate through all books in the variable that contains the array of books and that has been created by the controller.
4. If a book object does not have a value for the image attribute, display the default image as stored in variable $default_image. (You can use the issetImage method of class Book to check if the image is set.)

Part 2

The libraries listed in the contact form may change over time, and thus should be maintained in the model. Add the method getLibraries() to the Model class that returns an array of libraries where each library is represented as a string. Update the controller to retrieve the libraries from the model when the contact page is requested. Include the option "none" in the array. Then update the contact form to fill the content of the dropdown list for the library field from the library array.

Submission

Export our solution naming the zip-file YourName2.zip and upload it to the course website.

Grading

Part 1: 6 points
Part 2: 4 points