

Challenge 3

CS4830

Fall Semester 2016

Assigned Tuesday, October 25, 2016

Due Thursday, November 3, 2016 11:59:59 PM

Overview

For this assignment, you are to create a web application in the language of your choosing that demonstrates your understanding of Query String (GET) variables, POST variables, cookies, and session variables. Obviously, the language/environment of your choosing must support each of these 4 features of common web software development (don't worry - all of these features are supported by popular languages such as PHP and C#).

Detailed Specifications

Page 1

The first page of your application should collect the first name, last name, city, state, age, and phone number of the user. These variables may be sent to Page 2 via POST or any other mechanism you prefer.

Page 2

The second page of your application should represent the first name and last name from Page 1 as Query String (GET) variables to be passed on to Page 3. It should represent the city and state as hidden variables to be passed on via POST to Page 3. It should represent the age as a cookie that can be read by Page 3, and should represent phone number as a session variable that can be read by Page 3.

Page 3

The final page of your application should simply read the variables as passed from Page 2 and display them as a table similar to the following:

First Name	Jim
Last Name	Ries
City	Columbia
State	MO
Age	50
Phone Number	555-555-1212

Hints

- You can implement everything as a single page if you prefer. Each conceptual “page” could be just showing and hiding different panels or divs.
- You must read each variable from the proper state mechanism (QueryString, POST, cookie, session). For example, on Page 3 you cannot read the age from a POST variable for display in the table.

Grading

Post the URL for your running application to Canvas. Also upload your source code as a zip file to Canvas. Your grade will be based on how successful you were in following the assignment specification, plus the quality of your code. Quality includes an appropriate level of commenting, good understandable names for variables and methods, etc.