php - homework #6 (Group)

PRE-HOMEWORK TASK:

Reorganize your server to do the following!
- Redirect all HTTP requests to HTTPS (use RewriteCond).
- Create a new index page with links to HW#5 and HW#6 (and all future homework).
  - http://ta2.dhcp.nd.edu/
  - OK to make more "fancy"!
- Use 'Alias' keyword to view both HW#5 and HW#6.
  - http://ta2.dhcp.nd.edu/hw5/
  - http://ta2.dhcp.nd.edu/hw6/

Goals

- Introduce server side programming.
- Introduce bare-bones PHP (i.e. without the use of Frameworks).
- Learn what information is sent to the web-server every time you make a request.
- Process user data.
- Respond to a user's request.
- Dynamic content.

What you will need.

- Install PHP on your machine!
- Bootstrap.
- Local development environment.

What you will NOT need.

- Any Frameworks.
- Any JavaScript.
- Any Database.

Tasks

Task 1

- Create a page, index.php
- Page should show the following:
  - Their name (see Task 2).
    - If this is their first time on the page, it should say: 'Hello Guest'.
    - If they are returning, it should say: 'Welcome back {Name of person}'.
  - Their operating system information.
  - Their browser information.
  - Their browser language.
  - Their IP address.
  - Whether or not they are using HTTPS.
  - Current server timestamp.
  - Link to profile.php (see task 3).
  - Total page visits (see Task 4).

Task 2

- Create a page, profile-edit.php
- This will be a form that allows the user to edit their profile information.
  - **NOTE:** If information already exists, pre-fill the form.
- The fields are as follows [Field types are up to you unless explicitly noted]. **Items in bold are required (i.e. form is rejected if they are not filled in). NOTE: page must retain already entered content.**
  - **Full Name**
  - **Address/Dorm**
  - **City/State/Zip**
  - Current Year (Freshman, Sophomore, Junior, Senior, Graduate)
  - Favorite Sports (Checkboxes)
  - Favorite Quote (Text field)
- MUST use POST to send data to server.
- Save the information in one or more cookies.

Task 3

- Create a page, profile.php
- Show all the information that they entered in the profile edit form.
- Link to home page and profile-edit.php (see Task 2).

Task 4

- Every time a page is viewed (task 1 - 3), you should record this action.

- This number should be stored in a file.
- This number should be displayed on index.php (see Task 1).

Task 5

Send your URL with your team's netids to gmadey@nd.edu and qzhi@nd.edu, with subject line CSE 40613 - group-number (i.e, your machine's hostname) - HW6