

## Assessment

1. Pre-test-                    **What do you currently know?**
  
2. Mastery test-                **What do you know now?**

## PHP Basics for R547: Pre -Test

Before you start this tutorial on PHP, please try to complete the following tasks.

### Task 1

Create a PHP file that states "Hello world this is my first PHP program!" in you mentor account under the "www" directory and name your file "first.phtml".

Rubric for Task 1
1. Access mentor server by using SSH
2. Create the file using Pico Editor or HomeSite
3. Create the file in the correct directory
4. Change file permission
5. Include PHP interpreter tag
6. Use appropriate PHP tags.
7. Use appropriate HTML tags (HTML, BODY etc.)

### Task 2

Create a quiz using HTML form and PHP script which allows the user to answer the questions. The user should be able to get feedback on their correct answers. The user should also be notified if they have missed any questions. Place the html and PHP files in your mentor account under the "www" directory and name your files as "test.html" and "test.phtml" respectively.

Your code should perform the **same way** as the quiz example.

- Your quiz should have two questions.
- The questions should have radio buttons.
- There should be a Submit and a Reset button.

Please refer to the following URL for the quiz format: (<http://mentor.ucs.indiana.edu/~r547033/php/quiz.html>)

<b>Rubric for Task 2</b>
1. Create the file using Pico Editor or HomeSite
2. Create the file in the correct directory
3. Change the file permission
4. Include the PHP interpreter tag
5. Use appropriate HTML tags (HTML, BODY etc.)
6. Include the necessary statement to calculate the results and state them to the user.
7. Use necessary statements to inform the user of any unanswered questions.

**Task3.**

The purpose of this task is for you to be able to debug PHP code. Before you start, copy the following file "<http://mentor.ucs.indiana.edu/~r547033/php/task3.html>" into the "www" folder of your mentor account. This will allow you to be able to enter information and run the program. Then create a task3.phtml file and copy the following code into the file. For your convenience, you can copy the file from the following URL:

<http://mentor.ucs.indiana.edu/~r547033/php/task3.txt>

Debug the code so the following tasks can be performed. The task3.phtml file takes information from an HTML form and checks to see if all questions are answered, and the age is entered correctly. The file records the information into the user.txt file if all questions are answered. An example of a working form (bug free), is at the following URL:

<http://mentor.ucs.indiana.edu/~r547033/php/task3working.html>

<b>Rubric for Task 3</b>
1. Copy task3.html into your www directory of your mentor account.
2. Create task3.phtml by copying code from the task3.txt file.
3. Use correct file permission for the PHP file
4. Include the PHP interpreter tag
5. Take a step by step approach to debug the program.
6. Check the user.txt file to see if all questions are answered.

## PHP Basics for R547: Mastery Test

We hope you have become more familiar with using PHP scripts, in an IU environment. To check if you can use PHP language to create effective and efficient programs, try to complete the following tasks.

### Task 1

Create a PHP file that states "Hello world this is my first PHP program!" in you mentor account under the "www" directory and name your file "first.phtml".

Rubric for Task 1
1. Access mentor server by using SSH
2. Create the file using Pico Editor or HomeSite
3. Create the file in the correct directory
4. Change file permission
5. Include PHP interpreter tag
6. Use appropriate PHP tags.
7. Use appropriate HTML tags (HTML, BODY etc.)

### Task 2

Create a quiz using HTML form and PHP script which allows the user to answer the questions. The user should be able to get feedback on their correct answers. The user should also be notified if they have missed any questions. Place the html and PHP files in your mentor account under the "www" directory and name your files as "test.html" and "test.phtml" respectively.

Your code should perform the **same way** as the quiz example.

- Your quiz should have two questions.
- The questions should have radio buttons.
- There should be a Submit and a Reset button.

Please refer to the following URL for the quiz format: (<http://mentor.ucs.indiana.edu/~r547033/php/quiz.htm>)

<b>Rubric for Task 2</b>
1. Create the file using Pico Editor or HomeSite
2. Create the file in the correct directory
3. Change the file permission
4. Include the PHP interpreter tag
5. Use appropriate HTML tags (HTML, BODY etc.)
6. Include the necessary statement to give feedback for each question as correct or incorrect with the answer
7. Include the necessary statement to calculate the total score and state them to the user.

**Task3.**

The purpose of this task is for you to be able to debug PHP code. Before you start, copy the following file "<http://mentor.ucs.indiana.edu/~r547033/php/task3.html>" into the "www" folder of your mentor account. This will allow you to be able to enter information and run the program. Then create a task3.phtml file and copy the following code into the file. For your convenience, you can copy the file from the following URL:

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Debug the code so the following tasks can be performed. The task3.phtml file takes information from an HTML form and checks to see if all questions are answered, and the age is entered correctly. The file records the information into the user.txt file if all questions are answered. An example of a working form (bug free), is at the following URL:

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3. Use correct file permission for the PHP file
4. Include the PHP interpreter tag
5. Take a step by step approach to debug the program.
6. Check the user.txt file to see if all questions are answered.