

Homework 2

Your task is to create a webpage by embedding PHP into HTML. You will create a directory called hw2 inside of your public_html/3680_S21 directory, which will contain the following files: hw2.php and hw2.css.

Requirements

1. Define 2 constants and print them out in their respective HTML tags (<title> and <link>):
 - a. TITLE: title of the page
 - b. STYLESHEET: relative path to your css file
2. Create a variable called fname and assign it the string value of your first name. Within the body of the page, you will output an h1 tag that will display "Welcome to fname's Homework 2".
3. Create two variables, var1 and var2. Assign var1 to 1 and var2 to 2. Perform the following calculations and output the calculated result and its data type inside of a paragraph (<p>):
 - a. var1 + var2
 - b. var1 . var2
4. Set var2 to 2.0. Repeat **BOTH** of the previous operations and output.
5. Set var1 to "1.0 word" and var2 to 2. Repeat **BOTH** of the previous operations and output.
6. Set var1 to "word" and var2 to 2.0. Repeat **BOTH** of the previous operations and output.
7. Echo a heredoc explaining each of the following on a new line:
 - a. Why an int + double results in a double
 - b. Why a string starting with a numeric value + int results in a numeric value
 - c. Why a string + double results in a double
8. Apply some sort of styling to the page. At the very least, assign a font family and background color to the document body.

If your files are not visible under https://cs.csub.edu/~your_username/3680_S21/hw2, I will not be able to grade it.

Starter Template

```
<?php
    // Set constants here
?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8">
        <link href="<?php echo STYLESHEET; ?>" rel="stylesheet">
        <title><?php echo TITLE; ?></title>
    </head>
    <body>
        <!-- Calculations and explanations go here -->
    </body>
</html>
```