

CSC 4370/6370 WEB PROGRAMMING

Assignment 3 – PHP

Due date: 10/04/2018 (7:30 pm)

Instructions:

1. Submit your work on Codd server and **DO NOT** upload your php files on dropbox.
2. Create a folder named Assignment3 under your public_html and put your code in there and submit the link to icollege–
“codd.cs.gsu.edu/~campusid/Assignment3/hw3.php”.
3. If there is no link to the codd server on icollege you would receive a **“0”**.
4. Your previous assignments (1and 2) and project 1 link must be working from your “codd.cs.gsu.edu/~campusid/index.html”. You will lose points if they don’t work.

PHP Functions and Arrays

Program name Charlie ate my Lunch!

Question 1:

Charlie will eat your lunch exactly 50% of the time. Write a function and name isBitten() that returns TRUE with 50% probability, and FALSE otherwise.

Hint: You may find the rand() function useful.

Below the function, write code to generate a webpage that displays “Charlie ate my lunch!” or “Charlie did not eat my lunch!” using the isBitten() function.

Question 2:

Please create a PHP program that will incorporate TWO for loops which are nested. This program should populate a “Checker board” using alternating color values are red and black. This checkerboard width = “300px”. Each cell height and width should = “35px”. Border set to = “1px” cell padding =”1px” and cell spacing =”1px”

Question 3:

Program name Arrays and Functions

Consider the following array.

```
$month = array ('January', 'February', 'March', 'April', 'May', 'June', 'July',  
'August','September', 'October', 'November', 'December');
```

Please code in this order

- Write a standard for loop not FOREACH that prints these months in order.
- Use a Function to Sort the months in alphabetical order and print months that are now sorted.
- Repeat Steps 1 and 2 use the foreach Statement.

Question 4:

According to the Trip Advisor, the 10 best Restaurants in Atlanta based up votes for 2016 are as follows:

- Chama Gaucha – Average Cost \$40.50
- Aviva by Kameel – Average Cost \$15.00
- Bone’s Restaurant– Average Cost \$65.00
- Umi Sushi Buckhead – Average Cost \$40.50
- Fandangles – Average Cost \$30.00

- Capital Grille – Average Cost \$60.50
- Canoe – Average Cost \$35.50
- One Flew South – Average Cost \$21.00
- Fox Bros. BBQ – Average Cost \$15.00
- South City Kitchen Midtown – Average Cost \$29.00

Define an array (or arrays) that holds this information about Name and Average Cost of the 10 best Restaurants in Atlanta. Print a table of the Restaurants Name and Restaurants Average Cost for all 10 Restaurants. The second part of this program is to write a functions to modify your output that to prints the result of the table ordered by price and a second function to print the results of the table by name.

