CSC 4370/6370 Web Programming
Assignment 3 – PHP No Forms
Due Date: 02/20/2017 (11.59 PM)

Submission Requirements
You must turn work at the SPECIFIED TIME so you can receive credit for Homework!
*Homework 1 **must be submitted on iCollege** by the due date and time. Late homework will be subject to a penalty, as stated in the course grading policy. No email or hard copies of homework will be accepted.*

*You may discuss the assignments with other students in the class, but (as stated in the academic honesty policy) your written answers **must be your own**, and you must list the names of other students you discussed the assignment with.*

How to Submit
Log into (**iCollege**), select the class to view its drop box folders, select the correct folder for the given assignment and upload the file there.

You will get a confirmation email. Please save the conformation email in the event something goes wrong, for example work was submitted to the wrong folder etc…,

PHP Functions and Arrays

Program name Charlie ate my Lunch!

Part 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

Part 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"

Part 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

1 Write a standard for loop not FOREACH that prints these months in order.

2. Use a Function to Sort the months in alphabetical order and print months that are now sorted.

3. Repeat Steps 1 and 2 use the **foreach** Statement

Part 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.