East West University

CSE479: Web Programming
Section: 1, Lab Manual: Lab 4 (Basic PHP)

Solve the following problem using PHP, you can use HTML Form to take input.

1. Write a PHP script that displays the sum of all numbers between 1000 and 3000 that are prime.
   Expected Output: *

2. Create a script to construct the following pattern, using a nested for loop. Take an input n= 5 and produce like the following pattern.

```
* * * * * * * * *
  * * * * * * *
    * * * * *
      * * *
        *
      * * *
    * * * * *
  * * * * * * *
* * * * * * * * *
```

3. 12. Write a PHP function to change the following array's all values to upper or lower case.
   Sample arrays :
   $Color = array('A' => 'Blue', 'B' => 'Green', 'c' => 'Red');
   Expected Output :
   Values are in lower case.
   Array ([A] => blue, [B] => green, [c] => red)
   Values are in upper case.
   Array ([A] => BLUE, [B] => GREEN, [c] => RED)

4. Write a PHP program to sort a list in descending order of elements using Bubble sort.

5. Create a script that displays 1-2_3#4_5-6#7-8_9#10 on one line. There will be no hyphen (-), underscore (_), and hash(#) at starting and ending position.

6. Write a PHP script to extract text (within parenthesis) from a string.
   Sample strings : 'The quick brown [dog].'
   Expected Output : 'dog'

7. Write a PHP script to remove the special character from a string. Sample special character:
   [!@#$%^&*-_=+\<>?/]

8. Write a PHP script that creates the following table (use for loops).

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100