



Section: 2, Lab Manual: Lab 4 (Basic PHP)

1. Write a PHP script that displays the harmonic mean of all numbers between 2000 and 8000 that are prime.
2. Create a script to construct the following pattern, using a nested for loop. Take an input n= 5 (use HTML Form to take input) and produce like the following pattern.

[!@#\$%^&* - = + \ < > ? /]

8. Write a PHP script that creates the following table.

input = 10;(Use HTML form to take input data)

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

9. Write a PHP program to display the number rhombus structure.

Test Data

Input the number: 7 (take the number using HTML form)

Expected Output:

```

      1
     212
    32123
   4321234
  543212345
 65432123456
7654321234567
 65432123456
   543212345
    4321234
     32123
      212
       1
```