** PHP - 02**

**Trainer: Mr. Pritesh Khandelwal Date: 23/08/2023**

**Assignment #21Topic :**

1. Create a program to display chess board using loops. (8 X 8)

2. Write a function to check if number is prime

3. Write a function to calculate factorial of number 7.

4. Write a function to change the string to uppercase and lowercase. Default to lowercase.

5. Create a calculator to perform addition, subtraction, multiplication and division. Create functions for each action separately.

6. Create a table to display users data (first name, last name, dob, email) using foreach, use associative array.

7. Create a table to display users data (email, username, [multiple phone numbers]). A user can have 1 or more phone numbers, Display them in one column.

8. Write program to sort array.

9. Write a program and take 2 arrays.

a) State - ['mp' => MP, 'raj' => Rajasthan, 'maha' => Maharashtra, 'guj' => Gujrat];

b) Cities - ['mp' => ['Indore', 'Dewas', 'Ujjain'],

             'maha' => ['Mumbai', 'Pune', 'Nashik', 'Nagpur'],

             'raj' => ['Jaipur', 'Udaipur'],

             'guj' => ['Ahmedabad', 'Surat', 'Vadodara']];

c) Display the data in table by accessing the array using foreach loop. In this way -

State | City List

10. Write a program to merge 2 arrays.

11. Write a program to show example for array\_merge\_recursive.

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