

## Practical – 4 **Form Handling**

1. Create a PHP Script to check whether no is : ( Write separate file for each)  
a) Palindrome No.   b) Perfect No.   c) Prime No.   d) Armstrong No.   e) Magic No.

**NOTE:**

**Perfect number**, a positive integer that is equal to the sum of its proper divisors. The smallest **perfect number** is 6, which is the sum of 1, 2, and 3. Other **perfect numbers** are 28, 496, and 8,128.

A **number** is said to be a **Magic number** if the sum of its digits are calculated till a single digit is obtained by recursively adding the sum of its digits. If the single digit comes to be 1 then the **number** is a **magic number**.

2. Create an HTML form that reads username and password from the user and passes it to validate.php which verifies whether username is “admin” and password is “abc123”.
3. Create a HTML form that read a number and calls printTable.php file which prints table of that number.
4. Create a HTML form that reads 2 numbers and has 4 buttons for operation:- Add, Difference, Product. Based on the button clicked by the user the result should be displayed as output.
5. Create a HTML form to read a no. and display first n terms of Fibonacci series using Fibonacci.php.
6. Create HTML form that reads marks of 5 subjects for student and calculates percentage. Student should have at least 40 marks in each subject to Pass  
Student having percentage as following criteria allocate grades :-

<u>Percentage</u>	<u>Grade</u>
Greater than or 70	Distinction
Greater than or 60	First class
Greater than or 50	Second Class
Greater than or 40	Pass Class
Others	Fail

7. Write a PHP script which reads n(between 0 to 10) from user. Creates n text-boxes with name as txt<no> and a submit button. When user clicks on button the following information should be displayed on the screen:
  - a. Sum of the elements in array.
  - b. Elements arranged in ascending order.
  - c. Elements arranged in descending order.
  - d. No. of even, odd elements in array.
  - e. Display no. of elements in array.
8. Write a PHP script which displays list of states to the user based on the state selected by the user it should display list of cities of the state. The state and city selected by user should be displayed on next page.