

| **TITLE:** **Develop and Demonstrate the use of From Handling and Validation in PHP** |
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**AIM:** To develop web forms using PHP form and Validation.

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**Expected Outcome of Experiment:** Integrate server side pages using php.

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**Books/ Journals/ Websites referred:**

1. .<https://www.w3schools.com/php/php_form_validation.asp>
2. https://www.simplilearn.com/tutorials/php-tutorial/php-using-xampp

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**Problem Statement: Description of the application implemented with output**:

**<!DOCTYPE html>**

**<html>**

**<body>**

**<form action="work.php" method="post">**

**Gmail: <input type="text" name="e"><br>**

**Password: <input type="text" name="p"><br>**

**<input type="submit">**

**</form>**

**</body>**

**</html>**

**<?php**

**$p = $\_POST["p"];**

**$e=$\_POST["e"];**

**echo "PHP up and running!";**

**if( strpos($e,'.@')==null){**

**echo "!! email invalid";**

**}**

**$pattern = ".[0-9].";**

**if( preg\_match($pattern,$p)==0){**

**echo "!! password must contain numbers";**

**}**

**if (strlen($p) < "7") {**

**echo "!! Password too short";**

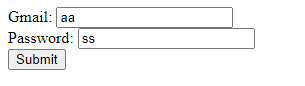
**}**

**?>**

**PHP Basic Concepts Learned With Syntax**

1. How to install PHP
2. How to run PHP file
3. How to make PHP variables syntax $
4. How to use PHP regexp preg\_match($pattern,$p)
5. PHP forms <form action="work.php" method="post">
6. How to get data from html to php $\_POST["e"];

**Description of the application implemented with output**:



**Conclusion:**

Thus we have understood the working principle behind PHP, how to make forms using PHP, how to send data from HTML to PHP and how to run PHP files. In this experiment we have used PHP to validate forms.

**Post Lab Objective with Ans :**

**What is PHP Form?**

A PHP form is an html form which sends data to server side PHP. It is the only means of sending data to PHP

**What is PHP Form Validation?**

PHP provides prebuilt functions for form validation.Form Validation is a necessary process before the data entered in the form is submitted to the database. This is done to avoid unnecessary errors. In PHP Form validation, the script checks for data in respective fields based on the rules set by the developer, and returns an error if it does not meet the requirements.

**List different inbuilt functions used in PHP form and validation**

$data = trim($data);

$data = stripslashes($data);

$data = htmlspecialchars($data);