

## LAB TASK 3.1

```
1 <!DOCTYPE HTML>
2 <html>
3 <head>
4 <style>
5 .error {color: #FF0000;}
6 </style>
7 </head>
8 <body>
9
10 <?php
11 $usernameErr = $passwordErr = "";
12 $username = $password = "";
13
14 if ($_SERVER["REQUEST_METHOD"] == "POST") {
15     $uppercase = preg_match('@[A-Z]@', $password);
16     $lowercase = preg_match('@[a-z]@', $password);
17     $number = preg_match('@[0-9]@', $password);
18     $specialChars = preg_match('@[^\w]@', $password);
19     if (empty($_POST["username"])) {
20         $usernameErr = "User Name is required";
21     } else {
22         if (str_word_count($_POST["username"]) -1 < 8 && strlen($_POST["username"]) >= 2) {
23             $username = test_input($_POST["username"]);
24             if (!preg_match("/^[a-z0-9._-]/i", $username)) {
25                 $usernameErr = "Only alpha numeric characters, period, dash or
26 underscores allowed";
27             }
28         }
29         else {
30             $usernameErr = "Type atleast two characters without any space";
31         }
32     }
33
34     if (empty($_POST["password"])) {
35         $password = test_input($_POST["password"]);
36         if (!preg_match("/^(?!.*)(?=[^a-zA-Z0-9]).{8,}$/m", $password)) {
37             $passwordErr = "Password should include at least one special character(@, #, $, %);";
38         }
39         if (strlen($password) < 8){
40             $passwordErr = "Password should be at least 8 characters in length";
41         }
42     }
43 }
44
45 else{
46     $passwordErr = "Password is required";
47 }
48
49 function test_input($data) {
50     $data = trim($data);
51     $data = stripslashes($data);
52     $data = htmlspecialchars($data);
53     return $data;
54 }
55
56 <h2>LAB TASK 3.1</h2>
57 <p><span class="error">* required field</span></p>
58 <form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);?>">
59     User Name: <input type="text" name="username">
60     <span class="error">* <?php echo $usernameErr;?></span>
61     <br><br>
62     Password : <input type="password" name="password">
63     <span class="error">* <?php echo $passwordErr;?></span>
64     <br><br>
65     <input type="submit" name="submit" value="Submit">
66 </form>
67
68 <?php
69 echo "<h2>Your Input:</h2>";
70 echo $username;
71 echo "<br>";
72 echo $password;
73 ?>
74
75 </body>
76 </html>
77
```

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## LAB\_TASK\_3.1

\* required field

User Name:  \*

Password :  \*

### Your Input:

Admin

123Helloworld@#\$%

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