

## LAB TASK 3.4

```
1 <!DOCTYPE HTML> |
2 <html>
3 <head>
4 <style>
5 .error {color: #FF0000;}
6 </style>
7 </head>
8 <body>
9
10 <?php
11 $nameErr = $emailErr = $dobErr = $genderErr = $usernameErr = $passwordErr = $cpasswordErr = "";
12 $name = $email = $dob = $gender = $username = $password = $cpassword = "";
13
14 if ($_SERVER["REQUEST_METHOD"] == "POST") {
15     if (empty($_POST["name"])) {
16         $nameErr = "Name is required";
17     } else {
18         if (str_word_count($_POST["name"])>2){
19             $name = test_input($_POST["name"]);
20             if (!preg_match("/^[a-zA-Z-' ]*$/",$name)) {
21                 $nameErr = "Only letters and white space allowed";
22             }
23         }
24         else{
25             $nameErr = "Type atleast two words";
26         }
27     }
28
29     if (empty($_POST["email"])) {
30         $emailErr = "Email is required";
31     } else {
32         $email = test_input($_POST["email"]);
33         if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
34             $emailErr = "Invalid email format";
35         }
36     }
37
38     if (empty($_POST["username"])) {
39         $usernameErr = "User Name is required";
40     } else {
41         if (str_word_count($_POST["username"]) == 1 && strlen($_POST["username"])>2) {
42             $username = test_input($_POST["username"]);
43             if (!preg_match("/^[a-z0-9- ]$/i",$username)) {
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43         if (!preg_match("/^[a-z0-9- ]$/i",$username)) {
44             $usernameErr = "Only alpha numeric characters, period, dash or
45 underscore allowed";
46         }
47     }
48     else {
49         $usernameErr = "Type atleast two characters without any space";
50     }
51 }
52
53 if(!empty($_POST["password"]) && ($_POST["password"] != $_POST["cpassword"])) {
54
55     $password = test_input($_POST["password"]);
56     $cpassword = test_input($_POST["cpassword"]);
57     if (strlen($_POST["password"]) < 8) {
58         $passwordErr = "Your Password Must Contain At Least 8 Characters!";
59     }
60     elseif(!preg_match("@[0-9]+@", $password)) {
61         $passwordErr = "Your Password Must Contain At Least 1 Number!";
62     }
63     elseif(!preg_match("@[A-Z]+@", $password)) {
64         $passwordErr = "Your Password Must Contain At Least 1 Capital Letter!";
65     }
66     elseif(!preg_match("@[a-z]+@", $password)) {
67         $passwordErr = "Your Password Must Contain At Least 1 Lowercase Letter!";
68     }
69     elseif(!preg_match("/^(?=.*[a-zA-Z0-9])(?=.*[!@#$%^&*])$/m", $password)) {
70         $passwordErr="Password should include at least one special character(@,#,$,%);
71     }
72 }
73 else {
74     $passwordErr = "Please enter password ";
75 }
76
77 if (empty($_POST["gender"])) {
78     $genderErr = "Gender is required";
79 }else {
80     $gender = test_input($_POST["gender"]);
81 }
82
83 if (empty($_POST["dob"])) {
84     $dobErr = "Date of birth is required";
85 } else {
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85     } else {
86         $dob = test_input($_POST["dob"]);
87     }
88 }
89 function test_input($data) {
90     $data = trim($data);
91     $data = stripslashes($data);
92     $data = htmlspecialchars($data);
93     return $data;
94 }
95 }
96
97 <h2>LAB TASK 3.4</h2>
98 <?><span class="error">*<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);>*</span></p>
99 <form method="post" action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]);>">
100     Name: <input type="text" name="name">
101     <span class="error">*<?php echo $nameErr;?>*</span>
102     <br><br>
103     E-mail: <input type="text" name="email">
104     <span class="error">*<?php echo $emailErr;?>*</span>
105     <br><br>
106     User Name: <input type="text" name="username">
107     <span class="error">*<?php echo $usernameErr;?>*</span>
108     <br><br>
109     New Password : <input type="Password" name="password">
110     <span class="error">*<?php echo $passwordErr;?>*</span>
111     <br><br>
112     Retype New Password : <input type="Password" name="cpassword">
113     <span class="error">*<?php echo $cpasswordErr;?>*</span>
114     <br><br>
115     Gender:
116     <input type="radio" name="gender" value="female">Female
117     <input type="radio" name="gender" value="male">Male
118     <input type="radio" name="gender" value="other">Other
119     <span class="error">*<?php echo $genderErr;?>*</span>
120     <br><br>
121     Date of Birth :
122     <input type="date" name="dob" placeholder="DD-MM-YYYY" ><span class="error">*<?php echo $dobErr;?>*</span>
123     <br><br>
124     <input type="submit" name="submit" value="Submit">
125 </form>
126
127 <?php

```

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103     E-mail: <input type="text" name="email">
104     <span class="error">*<?php echo $emailErr;?>*</span>
105     <br><br>
106     User Name: <input type="text" name="username">
107     <span class="error">*<?php echo $usernameErr;?>*</span>
108     <br><br>
109     New Password : <input type="Password" name="password">
110     <span class="error">*<?php echo $passwordErr;?>*</span>
111     <br><br>
112     Retype New Password : <input type="Password" name="cpassword">
113     <span class="error">*<?php echo $cpasswordErr;?>*</span>
114     <br><br>
115     Gender:
116     <input type="radio" name="gender" value="female">Female
117     <input type="radio" name="gender" value="male">Male
118     <input type="radio" name="gender" value="other">Other
119     <span class="error">*<?php echo $genderErr;?>*</span>
120     <br><br>
121     Date of Birth :
122     <input type="date" name="dob" placeholder="DD-MM-YYYY" ><span class="error">*<?php echo $dobErr;?>*</span>
123     <br><br>
124     <input type="submit" name="submit" value="Submit">
125 </form>
126
127 <?php
128 echo "<h2>Your Input:</h2>";
129 echo $name;
130 echo "<br>";
131 echo $email;
132 echo "<br>";
133 echo $username;
134 echo "<br>";
135 echo $password;
136 echo "<br>";
137 echo $gender;
138 echo "<br>";
139 echo $dob;
140 echo "<br>";
141

```

## LAB\_TASK\_3.4

\* required field

Name:  \*

E-mail:  \*

User Name:  \*

New Password :  \*

Retype New Password :  \*

Gender: ☐ Female ☐ Male ☐ Other \*

Date of Birth :  \*

### Your Input:

Bruce Wayne  
batman@gmail.com

Name:  \*

E-mail:  \*

User Name:  \*

New Password :  \*

Retype New Password :  \*

Gender: ☐ Female ☐ Male ☐ Other \*

Date of Birth :  \*

### Your Input:

Bruce Wayne  
batman@gmail.com  
batman  
Helloworld@#\$%1  
male  
1939-03-30