

WEEK 05 ASSIGNMENT

- ❖ Write JavaScript to validate the following fields of the Registration page.
- ❖ a) Name (The name must contain letters, and its length must be at least 6 characters.).
- ❖ b) Password (Password length must be at least 6 characters.).
- ❖ c) E-mail address (should not contain invalid characters and must adhere to the standard format name@domain.com)
- ❖ d) Mobile Number (Phone number must contain 10 digits only).
Last Name and Address (Cannot be Empty)

assignment 5.html > html > head > style > .form-group button:hover

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Registration Form</title>
7   <style>
8     body {
9       font-family: Arial, sans-serif;
10      display: flex;
11      justify-content: center;
12      align-items: center;
13      height: 100vh;
14      background-color: rgb(14, 158, 194);
15      margin: 0;
16    }
17    .form-container {
18      background-color: gray;
19      padding: 20px;
20      border-radius: 8px;
21      box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
22      max-width: 400px;
23      width: 100%;
24    }
25    .form-container h2 {
26      text-align: center;
27      margin-bottom: 20px;
28    }
29    .form-group {
30      margin-bottom: 15px;
31    }
32    .form-group label {
33      display: block;
34      font-weight: bold;
35      margin-bottom: 5px;
36    }
37    .form-group input {
38      width: 100%;
39      padding: 8px;
40      border: 1px solid #ddd;
41      border-radius: 4px;
42      box-sizing: border-box;
43    }
```

```
<? assignment 5.html > <? html > <? head > <? style > <? .form-group button:hover
2   <html lang="en">
3   <head>
7     <style>
37       .form-group input {
40         border: 1px solid #ddd;
41         border-radius: 4px;
42         box-sizing: border-box;
43       }
44       .form-group input:focus {
45         border-color: #007bff;
46         outline: none;
47       }
48       .form-group button {
49         width: 100%;
50         padding: 10px;
51         background-color: #e9f013;
52         border: none;
53         color: rgb(63, 15, 122);
54         font-size: 16px;
55         border-radius: 4px;
56         cursor: pointer;
57       }
58       .form-group button:hover {
59         background-color: #edf6d8;
60       }
61     </style>
62   </head>
63   <body>
64
65   <div class="form-container">
66     <h2>Registration Form</h2>
67     <form onsubmit="return validateForm()">
68       <div class="form-group">
69         <label for="name">Name</label>
70         <input type="text" id="name" placeholder="Enter your name">
71       </div>
72       <div class="form-group">
73         <label for="password">Password</label>
74         <input type="password" id="password" placeholder="Enter your password">
75       </div>
76       <div class="form-group">
77         <label for="email">Email Address</label>
78         <input type="email" id="email" placeholder="Enter your email">
79       </div>
```

```

assignment 5.html > html > head > style > .form-group button:hover
2  <html lang="en">
63 <body>
65 <div class="form-container">
67   <form onsubmit="return validateForm()">
76     <div class="form-group">
77       <label for="email">Email Address</label>
78       <input type="email" id="email" placeholder="Enter your email">
79     </div>
80     <div class="form-group">
81       <label for="mobile">Mobile Number</label>
82       <input type="text" id="mobile" placeholder="Enter your mobile number">
83     </div>
84     <div class="form-group">
85       <label for="lastName">Last Name</label>
86       <input type="text" id="lastName" placeholder="Enter your last name">
87     </div>
88     <div class="form-group">
89       <label for="address">Address</label>
90       <input type="text" id="address" placeholder="Enter your address">
91     </div>
92     <div class="form-group">
93       <button type="submit">Submit</button>
94     </div>
95   </form>
96 </div>
97
98 <script>
99   function validateForm() {
100     let name = document.getElementById("name").value;
101     let password = document.getElementById("password").value;
102     let email = document.getElementById("email").value;
103     let mobile = document.getElementById("mobile").value;
104     let lastName = document.getElementById("lastName").value;
105     let address = document.getElementById("address").value;
106
107     let namePattern = /^[A-Za-z]{6,}$/;
108     if (!namePattern.test(name)) {
109       alert("Name must contain only letters and be at least 6 characters long.");
110       return false;
111     }
112
113     if (password.length < 6) {
114       alert("Password must be at least 6 characters long.");

```

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```
2    <html lang="en">
63   <body>
98   <script>
99     function validateForm() {
111     }
112
113     if (password.length < 6) {
114       alert("Password must be at least 6 characters long.");
115       return false;
116     }
117
118     let emailPattern = /^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$/;
119     if (!emailPattern.test(email)) {
120       alert("Please enter a valid email address.");
121       return false;
122     }
123
124
125     let mobilePattern = /^\d{10}$/;
126     if (!mobilePattern.test(mobile)) {
127       alert("Mobile number must contain exactly 10 digits.");
128       return false;
129     }
130
131     if (lastName.trim() === "" || address.trim() === "") {
132       alert("Last Name and Address cannot be empty.");
133       return false;
134     }
135
136     alert("Form submitted successfully!");
137     return true;
138   }
139 </script>
140
141 </body>
142 </html>
```

Registration Form

Name

Divyansh

Last Name

Pathak

Password

.....

Email Address

divyanshkld899@gmail.com

Mobile Number

9045386336

Address

15, Neelkanth residency, Bulandshahr

Submit