

NSS Camp Student Registration Form

Create a web page for NSS camp student registration form using java script form validation.

Instruction: -

It checks for:

1. **Name** - Required field.
2. **Email** - Must follow a valid email pattern.
3. **Phone Number** - Must be exactly 10 digits.
4. **Age** - Must be between 18 and 60.
5. **Gender** - Must be selected.

Code: -

```
1. <!DOCTYPE html>
2. <html lang="en">
3.
4. <head>
5.     <meta charset="UTF-8">
6.     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7.     <title>NSS Camp Registration</title>
8.     <style>
9.         body
10.        {
11.            font-family: Arial, sans-serif;
12.            margin: 20px;
13.            padding: 20px;
14.            background-color: #f2f2f2;
15.        }
16.
17.        .container
18.        {
19.            width: 50%;
20.            margin: auto;
21.            background: white;
22.            padding: 20px;
23.            border-radius: 10px;
24.            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
25.        }
26.
27.        .error
28.        {
29.            color: rgba(142, 137, 136, 0.429);
30.            font-size: 12px;
31.        }
32.    }
33.
34.    input,
35.    select {
36.        width: 100%;
37.        padding: 8px;
38.        margin-top: 5px;
39.        margin-bottom: 0px;
40.        border: 1px solid #ccc;
41.        border-radius: 5px;
42.    }
43.
44.    button
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45.     {
46.         background-color: #28a745;
47.         color: white;
48.         padding: 10px;
49.         border: none;
50.         margin-top: 5px;
51.         border-radius: 5px;
52.         cursor: pointer;
53.     }
54.
55.     button:hover
56.     {
57.         background-color: #218838;
58.     }
59. </style>
60. </head>
61.
62. <body>
63.     <div class="container">
64.         <h2>NSS Camp Student Registration</h2>
65.         <form id="nssForm" onsubmit="return validateForm()">
66.             <label for="name">Full Name:</label>
67.             <input type="text" id="name" name="name" placeholder="Enter your full
name">
68.             <span class="error" id="nameError"></span><br>
69.
70.             <label for="email">Email:</label>
71.             <input type="email" id="email" name="email" placeholder="Enter your
email">
72.             <span class="error" id="emailError"></span><br>
73.
74.             <label for="phone">Phone Number:</label>
75.             <input type="text" id="phone" name="phone" placeholder="Enter 10-digit
phone number">
76.             <span class="error" id="phoneError"></span><br>
77.
78.             <label for="age">Age:</label>
79.             <input type="number" id="age" name="age" placeholder="Enter your age">
80.             <span class="error" id="ageError"></span><br>
81.
82.             <label for="gender">Gender:</label>
83.             <select id="gender" name="gender">
84.                 <option value="">Select</option>
85.                 <option value="Male">Male</option>
86.                 <option value="Female">Female</option>
87.                 <option value="Other">Other</option>
88.             </select>
89.             <span class="error" id="genderError"></span><br>
90.
91.             <button type="submit">Register</button>
92.         </form>
93.     </div>
94.
95.     <script>
96.         function validateForm()
97.         {
98.             let valid = true;
99.
100.            // Name validation
101.            let name = document.getElementById("name").value;
102.            if (name.trim() === "")
103.            {
104.                document.getElementById("nameError").innerText = "Name is required";
105.                valid = false;
106.            } else
107.            {

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108.         document.getElementById("nameError").innerText = "";
109.     }
110.
111.     // Email validation
112.     let email = document.getElementById("email").value;
113.     let emailPattern = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;
114.     if (!email.match(emailPattern))
115.     {
116.         document.getElementById("emailError").innerText = "Enter a valid
email";
117.         valid = false;
118.     } else
119.     {
120.         document.getElementById("emailError").innerText = "";
121.     }
122.
123.     // Phone validation
124.     let phone = document.getElementById("phone").value;
125.     let phonePattern = /^[0-9]{10}$/;
126.     if (!phone.match(phonePattern))
127.     {
128.         document.getElementById("phoneError").innerText = "Enter a valid 10-
digit phone number";
129.         valid = false;
130.     } else
131.     {
132.         document.getElementById("phoneError").innerText = "";
133.     }
134.
135.     // Age validation
136.     let age = document.getElementById("age").value;
137.     if (age < 18 || age > 60 || age === "")
138.     {
139.         document.getElementById("ageError").innerText = "Age must be between
18 and 60";
140.         valid = false;
141.     } else {
142.         document.getElementById("ageError").innerText = "";
143.     }
144.
145.     // Gender validation
146.     let gender = document.getElementById("gender").value;
147.     if (gender === "")
148.     {
149.         document.getElementById("genderError").innerText = "Select gender";
150.         valid = false;
151.     } else {
152.         document.getElementById("genderError").innerText = "";
153.     }
154.
155.     return valid;
156. }
157. </script>
158. </body>
159.
160. </html>

```