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Section: 6E

Student I'd: 21F-9640

Assignment: 02

Subject: Web Programming

Topic: HTML+JS+ Bootstrap

Department of Computer Science

Semester	Fall 2023
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GitHub Link:

[Click here](#)

(1)

Task 1 is already done.

(2)

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Task 2</title>
  <link rel="stylesheet" href="Task2.css">
  <script>
    function validateForm() {
      const name = document.getElementById('name').value.trim();
      const username = document.getElementById('username').value.trim();
      const password = document.getElementById('password').value.trim();
      const number = document.getElementById('number').value.trim();
      const email = document.getElementById('email').value.trim();
      const birthdate = document.getElementById('birthdate').value.trim();
      const gender = document.getElementById('gender').value.trim();
      const phoneNumber = document.getElementById('phoneNumber').value.trim();
      const zipCode = document.getElementById('zipCode').value.trim();
      const country = document.getElementById('country').value.trim();

      if (!name) {
        alert('Name is required');
        return false;
      }
      if (!username) {
        alert('Username is required');
        return false;
      }
      if (!password || password.length < 8) {
        alert('Password must be at least 8 characters long');
        return false;
      }
    }
  </script>

```

```

    if (!number || !/^d{10}$/.test(number)) {
        alert('Phone number is required and must be 10 digits long');
        return false;
    }
    if (!email || !/^[^s@]+@[^s@]+\.[^s@]+$/.test(email)) {
        alert('Email is required and must be in the correct format');
        return false;
    }
    if (!birthdate || !/^d{4}-d{2}-d{2}$/.test(birthdate)) {
        alert('Birthdate is required and must be in the format YYYY-MM-DD');
        return false;
    }
    if (!gender) {
        alert('Gender is required');
        return false;
    }

    if (!zipCode || !/^d{5}$/.test(zipCode)) {
        alert('Zip code is required and must be 5 digits long');
        return false;
    }
    if (!country) {
        alert('Country is required');
        return false;
    }
    return true;
}
</script>
</head>

<body>
    <div class="form-container">
        <form onsubmit="return validateForm()">
            <div class="form-group">
                <label for="name">Name*</label>
                <input type="text" id="name" placeholder="Name*" required>
            </div>
            <div class="form-group">
                <label for="username">Username*</label>
                <input type="text" id="username" placeholder="Username*" required>
            </div>
            <div class="form-group">
                <label for="password">Password*</label>
                <input type="password" id="password" placeholder="Password*" required>
            </div>

```

```

<div class="form-group">
  <label for="number">Phone Number*</label>
  <input type="text" id="number" placeholder="Number*" required>
</div>
<div class="form-group">
  <label for="email">Email Id*</label>
  <input type="text" id="email" placeholder="Email Id*" required />
</div>
<div class="form-group">
  <label for="birthdate">Birthdate*</label>
  <input type="date" id="birthdate" placeholder="Birthdate*" required>
</div>
<div class="form-group">
  <label for="gender">Gender*</label>
  <select id="gender" required>
    <option value="">Select Gender</option>
    <option value="male">Male</option>
    <option value="female">Female</option>
    <option value="other">Other</option>
  </select>
</div>
<div class="form-group">
  <label for="zipCode">Zip Code*</label>
  <input type="text" id="zipCode" placeholder="Zip Code*" required>
</div>
<div class="form-group">
  <label for="country">Country*</label>
  <input type="text" id="country" placeholder="Country*" required>
</div>
  <button type="submit">Register</button>
</form>
</div>
</body>

</html>

```

(Output)

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/Task2.html'. The browser has several tabs open, including 'Inbox (1,060) - f219640@cfd.n...', 'Classwork for Spring 24- Web', 'Assignment-2.pdf - Google Dr...', and 'Task 2'. The registration form is centered on the page and contains the following fields:

- Name*: Saad Rehman
- Username*: saadrehan17100
- Password*: ****
- Phone Number*: Number*
- Email Id*: saad@gmail.com (with a tooltip 'Please fill out this field.')
- Birthdate*: 02/08/2024
- Gender*: Male
- Zip Code*: 213
- Country*: Pak
- Register button

The Windows taskbar at the bottom shows the system clock as 9:25 PM on 2/20/2024, with a temperature of 13°C and weather 'Smoke'.

(3)

```

<!DOCTYPE html>
<head>
  <title>Task 3</title>
  <link
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.c
ss"
    rel="stylesheet"
    integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwvykc2MPK8M2HN"
    crossorigin="anonymous"
  />
</head>
<body>
  <div class="container bg-light p-5 rounded-2">
    <h1 class="text-center">Welcome to our website!</h1>
    <h2 class="text-center">Look at this button! Wo, let's clickon it!</h2>
    <button class="btn mt-5 pt-2 pb-2 btn-primary" style="width: 100%">
      Learn more
    </button>
  </div>
  <div class="container">
    <hr />
    <h4 class="text-start">Lorem ipsum dolor sit amet.</h4>
    <div class="row">

```

```

<div class="col-4">
  Lorem ipsum, dolor sit amet consectetur adipisicing elit. Modi cumque
  architecto aliquid similique. Tenetur blanditiis id, molestiae sed
  facere modi placeat, neque laboriosam optio dolorum quia culpa sit,
  eius aliquam?
</div>
<div class="col-4">
  Lorem ipsum, dolor sit amet consectetur adipisicing elit. Modi cumque
  architecto aliquid similique. Tenetur blanditiis id, molestiae sed
  facere modi placeat, neque laboriosam optio dolorum quia culpa sit,
  eius aliquam?
</div>
<div class="col-4">
  Lorem ipsum, dolor sit amet consectetur adipisicing elit. Modi cumque
  architecto aliquid similique. Tenetur blanditiis id, molestiae sed
  facere modi placeat, neque laboriosam optio dolorum quia culpa sit,
  eius aliquam?
</div>
</div>
<br />
<div class="row">
  <div class="col-4">
    
  </div>
  <div class="col-4">
    
  </div>
  <div class="col-4">
    
  </div>
</div>
<button
  class="btn mt-5 mb-5 pt-2 pb-2 border border-success text-success bg-
light-green"
  style="width: 100%; background-color: #d1e7dd"
  >
  <b>Thanks for visiting</b>
</button>
</div>
</body>
</html>

```

(Output)

