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**Roll No : 271 Practical : 04**

**Aim: Write a JavaScript to validate the following fields of employee on html form:**

**email, name, mobile no., address, salary.**

Code:

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Employee Form with Profile Image Preview</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      background-color: #f2f2f2;

      padding: 20px;

    }

    .form-container {

      background-color: #fff;

      padding: 30px;

      border-radius: 8px;

      max-width: 500px;

      margin: auto;

      box-shadow: 0 0 10px rgba(0,0,0,0.1);

      text-align: center;

    }

    .profile-pic {

      width: 120px;

      height: 120px;

      border-radius: 50%;

      object-fit: cover;

      border: 2px solid #ccc;

      cursor: pointer;

      margin-bottom: 20px;

    }

    input[type="file"] {

      display: none;

    }

    .form-group {

      text-align: left;

      margin-bottom: 15px;

    }

    label {

      display: block;

      margin-bottom: 5px;

      font-weight: bold;

    }

    input[type="text"],

    input[type="email"],

    textarea {

      width: 100%;

      padding: 10px;

      border: 1px solid #ccc;

      border-radius: 5px;

    }

    textarea {

      resize: vertical;

    }

    .submit-btn {

      width: 100%;

      background-color: #4CAF50;

      color: white;

      padding: 10px;

      border: none;

      border-radius: 5px;

      font-size: 16px;

      cursor: pointer;

    }

    .submit-btn:hover {

      background-color: #45a049;

    }

    .error {

      color: red;

      text-align: center;

      margin-bottom: 10px;

    }

  </style>

</head>

<body>

<div class="form-container">

  <h2>Employee Registration</h2>

  <!-- Profile Image -->

  <img src="https://via.placeholder.com/120" id="profileImage" class="profile-pic" onclick="document.getElementById('imageInput').click()">

  <!-- Hidden File Input -->

  <input type="file" id="imageInput" accept="image/\*" onchange="previewImage(event)">

  <form id="employeeForm" onsubmit="return validateForm()" enctype="multipart/form-data">

    <div class="form-group">

      <label>Employee Name:</label>

      <input type="text" id="name" name="name">

    </div>

    <div class="form-group">

      <label>Email Address:</label>

      <input type="email" id="email" name="email">

    </div>

    <div class="form-group">

      <label>Mobile Number:</label>

      <input type="text" id="mobile" name="mobile">

    </div>

    <div class="form-group">

      <label>Address:</label>

      <textarea id="address" name="address" rows="3"></textarea>

    </div>

    <div class="form-group">

      <label>Salary:</label>

      <input type="text" id="salary" name="salary">

    </div>

    <p id="errorMsg" class="error"></p>

    <button type="submit" class="submit-btn">Submit</button>

  </form>

</div>

<script>

// Preview selected image

function previewImage(event) {

  const file = event.target.files[0];

  if (file) {

    const reader = new FileReader();

    reader.onload = function(e) {

      document.getElementById('profileImage').src = e.target.result;

    }

    reader.readAsDataURL(file);

  }

}

// Validate form

function validateForm() {

  let name = document.getElementById('name').value.trim();

  let email = document.getElementById('email').value.trim();

  let mobile = document.getElementById('mobile').value.trim();

  let address = document.getElementById('address').value.trim();

  let salary = document.getElementById('salary').value.trim();

  let imageInput = document.getElementById('imageInput').value.trim();

  let errorMsg = '';

  if (name === '') {

    errorMsg = 'Name is required.';

  } else if (!/^\S+@\S+\.\S+$/.test(email)) {

    errorMsg = 'Please enter a valid email address.';

  } else if (!/^\d{10}$/.test(mobile)) {

    errorMsg = 'Mobile number must be 10 digits.';

  } else if (address === '') {

    errorMsg = 'Address is required.';

  } else if (!/^\d+(\.\d{1,2})?$/.test(salary) || parseFloat(salary) <= 0) {

    errorMsg = 'Please enter a valid positive salary.';

  } else if (imageInput === '') {

    errorMsg = 'Please upload an employee image.';

  }

  if (errorMsg !== '') {

    document.getElementById('errorMsg').innerText = errorMsg;

    return false;

  }

  document.getElementById('errorMsg').innerText = '';

  alert('Employee Form Submitted Successfully!');

  return true;

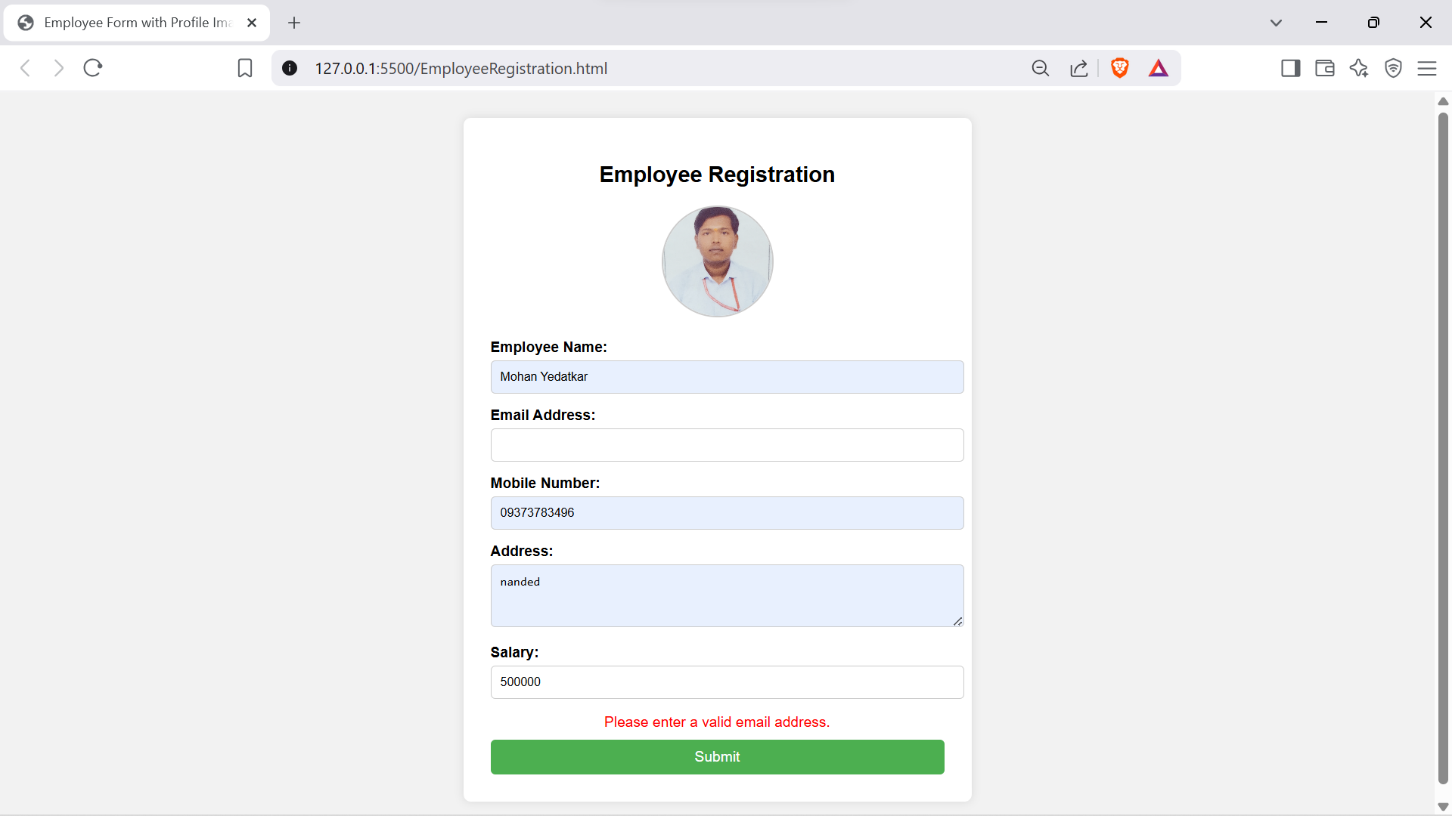
}

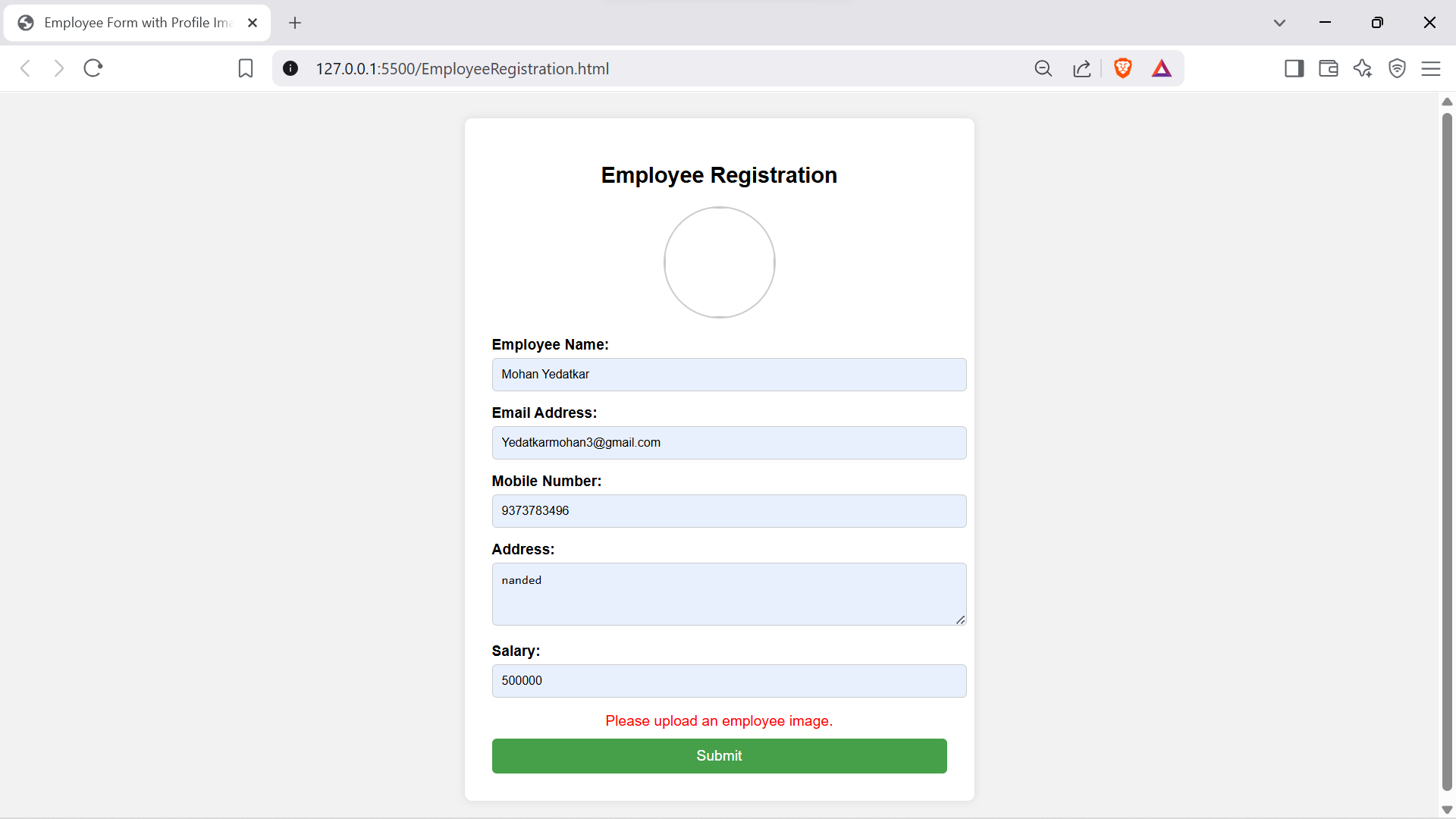
</script>

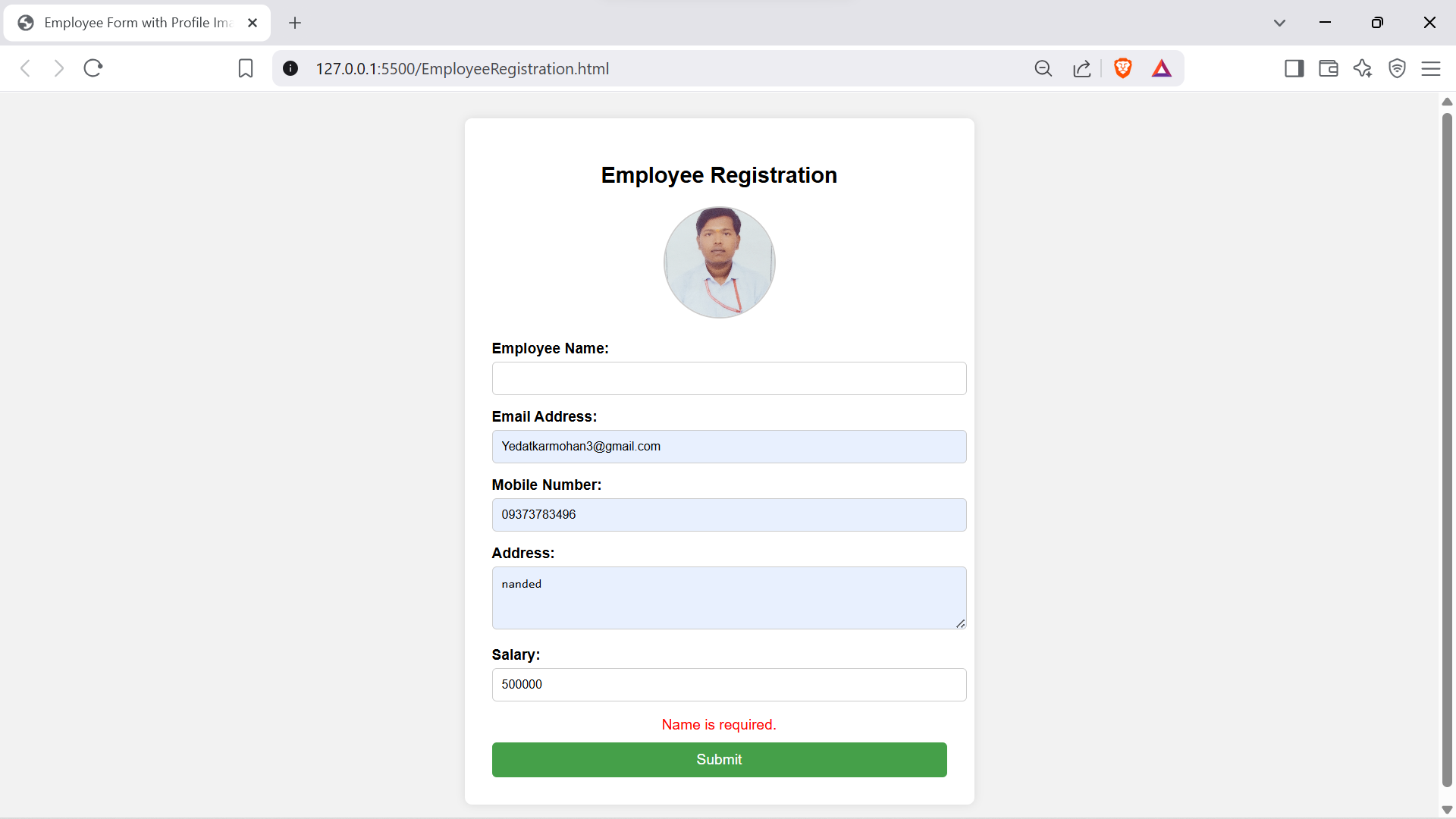
</body>

</html>

**OUTPUT:**

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