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| **Roll No : 270** | **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;

</head>

<body>

<div class="form-container">

<h2>Employee Registration</h2>

cursor: pointer;

}

.submit-btn:hover { background-color: #45a049;

}

.error { color: red;

text-align: center; margin-bottom: 10px;

}

</style>

<!-- 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;

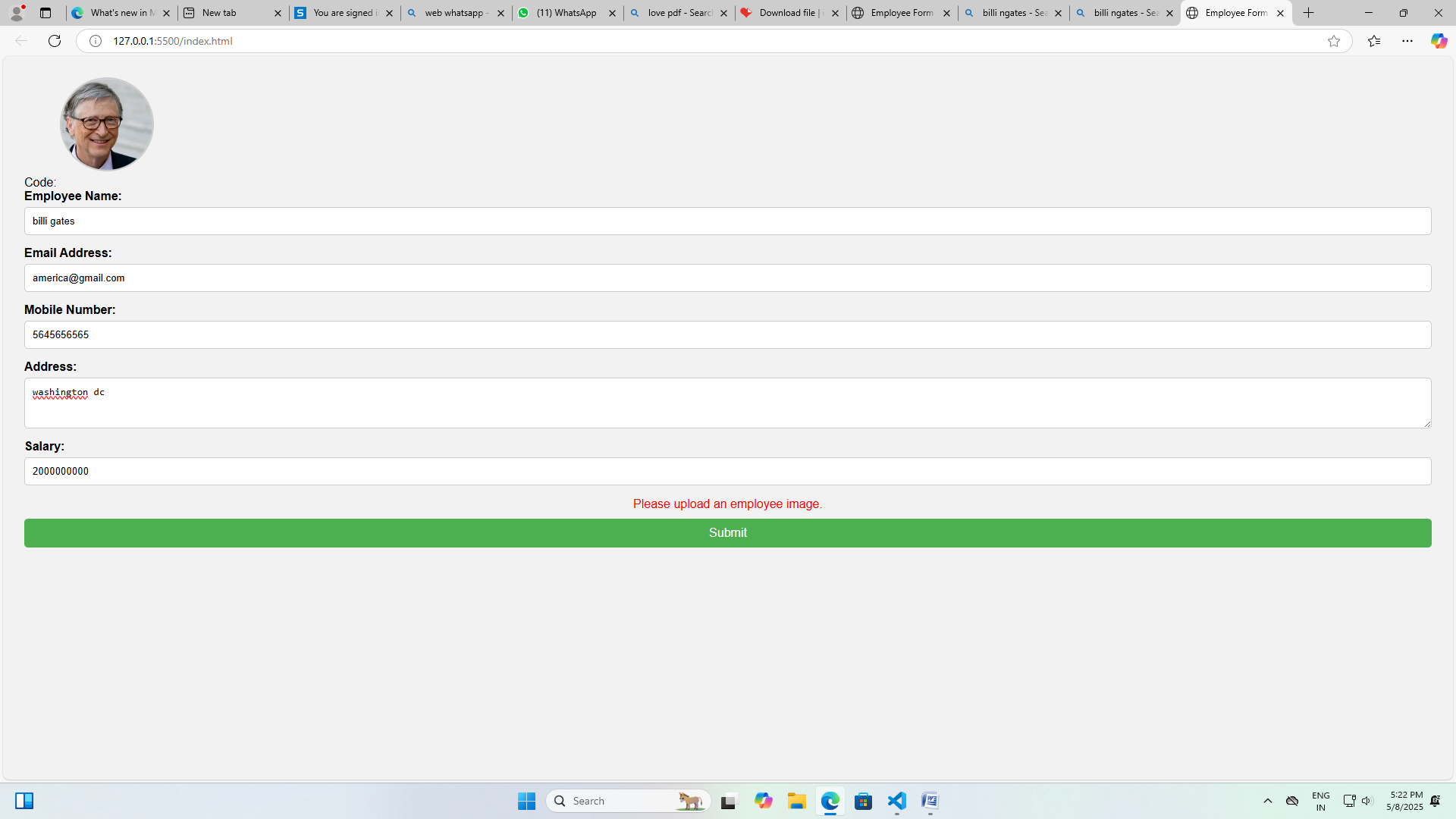
}

</script>

</body>

</html>

**OUTPUT:**

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