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Sub : Sem-II

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;
  }
  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;
  }
  margin-bottom: 20px;
}
```

```

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 -->
```

```



```

```
<!-- 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+$/i.test(email)) {
```

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

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

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

```
    } else if (address === "") {
```

```
        errorMsg = 'Address is required.';
```

```
    } else if (!/^d+(\.\d{1,2})?$/i.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:

Employee Form with Profile Im: x +

127.0.0.1:5500/EmployeeRegistration.html

Employee Registration



Employee Name:
Mohan Yedatkar

Email Address:

Mobile Number:
09373783496

Address:
nanded

Salary:
500000


Please enter a valid email address.

Submit

Employee Form with Profile Im: x +

127.0.0.1:5500/EmployeeRegistration.html

Employee Registration



Employee Name:
Mohan Yedatkar

Email Address:
Yedatkarmohan3@gmail.com

Mobile Number:
9373783496

Address:
nanded

Salary:
500000

Please upload an employee image.

Submit

Employee Registration



Employee Name:

Email Address:

Mobile Number:

Address:

Salary:

Name is required.

Submit