

- **Write a JavaScript to validate the following fields of employee on html form: email, name, mobile no., address, salary.**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Employee Validation Form</title>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <style>
    body {
      font-family: 'Segoe UI', sans-serif;
      background-color: #f0f2f5;
      display: flex;
      align-items: center;
      justify-content: center;
      height: 100vh;
      margin: 0;
    }

    .form-container {
      background: #ffffff;
      padding: 30px 40px;
      border-radius: 10px;
      box-shadow: 0 4px 15px rgba(0, 0, 0, 0.1);
      width: 100%;
      max-width: 500px;
    }

    h2 {
      text-align: center;
      margin-bottom: 25px;
      color: #333;
    }

    .form-group {
      margin-bottom: 20px;
      position: relative;
    }

    label {
      display: block;
      margin-bottom: 5px;
```

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    color: #333;
    font-weight: 600;
}

input, textarea {
    width: 100%;
    padding: 10px;
    font-size: 16px;
    border-radius: 5px;
    border: 2px solid #ccc;
    transition: border 0.3s ease;
}

input.valid, textarea.valid {
    border-color: green;
}

input.invalid, textarea.invalid {
    border-color: red;
}

.error-message {
    color: red;
    font-size: 13px;
    margin-top: 5px;
}

button {
    width: 100%;
    padding: 12px;
    font-size: 16px;
    color: #fff;
    background: #007bff;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}

button:hover {
    background: #0056b3;
}
</style>
</head>
<body>
<div class="form-container">
    <h2>Employee Details</h2>
```

```

<form id="employeeForm" novalidate>
  <div class="form-group">
    <label for="name">Full Name</label>
    <input type="text" id="name" required />
    <div class="error-message">Please enter a valid name (letters only).</div>
  </div>
  <div class="form-group">
    <label for="email">Email</label>
    <input type="email" id="email" required />
    <div class="error-message">Please enter a valid email address.</div>
  </div>
  <div class="form-group">
    <label for="mobile">Mobile Number</label>
    <input type="tel" id="mobile" required />
    <div class="error-message">Please enter a 10-digit mobile number.</div>
  </div>
  <div class="form-group">
    <label for="address">Address</label>
    <textarea id="address" rows="3" required></textarea>
    <div class="error-message">Address cannot be empty.</div>
  </div>
  <div class="form-group">
    <label for="salary">Salary (₹)</label>
    <input type="number" id="salary" required />
    <div class="error-message">Enter a valid positive number for salary.</div>
  </div>
  <button type="submit">Submit</button>
</form>
</div>

```

```

<script>
const form = document.getElementById("employeeForm");
const inputs = form.querySelectorAll("input, textarea");

```

```

function validateField(field) {
  const value = field.value.trim();
  const error = field.nextElementSibling;
  let isValid = false;

```

```

  if (field.id === "name") {
    isValid = /^[A-Za-z ]{2,}$/.test(value);
  } else if (field.id === "email") {
    isValid = /^[^@\s]+@[^\s]+\.[^\s]+$/.test(value);
  } else if (field.id === "mobile") {
    isValid = /^\d{10}$/.test(value);
  } else if (field.id === "address") {

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        isValid = value.length > 5;
    } else if (field.id === "salary") {
        isValid = /^[^d+(\.d{1,2})?$/ .test(value) && parseFloat(value) > 0;
    }

    if (isValid) {
        field.classList.remove("invalid");
        field.classList.add("valid");
        error.style.display = "none";
    } else {
        field.classList.remove("valid");
        field.classList.add("invalid");
        error.style.display = "block";
    }

    return isValid;
}

inputs.forEach(input => {
    input.addEventListener("input", () => validateField(input));
});

form.addEventListener("submit", function (e) {
    e.preventDefault();
    let allValid = true;

    inputs.forEach(input => {
        if (!validateField(input)) {
            allValid = false;
        }
    });

    if (allValid) {
        alert("Form submitted successfully!");
        form.reset();
        inputs.forEach(input => {
            input.classList.remove("valid");
        });
    } else {
        alert("Please fill the information before submitting.");
    }
});
</script>
</body>
</html>

```

Output:

Employee Validation Form

C:/Shradha/emp.html

## Employee Details

Full Name

Shradha Mangesh Bidwai

Email

shradha@gmailcom

Please enter a valid email address.

Mobile Number

90765745890

Please enter a 10-digit mobile number.

Address

Address cannot be empty.

Salary (₹)

345677-

Enter a valid positive number for salary.

Submit

Employee Validation Form

C:/Shradha/emp.html

This page says

Please fill the correct information before submitting.

OK

Full Name

Shradha Mangesh Bidwai

Email

shradha@gmailcom

Please enter a valid email address.

Mobile Number

90765745890

Please enter a 10-digit mobile number.

Address

Salary (₹)

0

Enter a valid positive number for salary.

Submit

## Employee Details

Full Name

Shradha Mangesh Bidwai

Email

shradha@gmail.com

Mobile Number

9076574589

Address

Nanded

Salary (₹)

35000

Submit

This page says

Form submitted successfully!

OK

## Employee Details

Full Name

Shradha Mangesh Bidwai

Email

shradha@gmail.com

Mobile Number

9076574589

Address

Nanded

Salary (₹)

35000

Submit