

INPUT:

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Student Registration Form</title>
<style>
  h2 {
    text-align: center;
    font-size: large;
    margin-top: 75px;
    margin-bottom: 25px;
  }
  body {
    font-family: Arial, sans-serif;
  }
  form {
    max-width: 400px;
    margin: 0 auto;
    border: 2px solid grey;
    padding: 50px;
    padding-top: 30px;
    padding-bottom: 50px;
    padding-left: 50px;
    padding-right: 50px;
    border-radius: 10px;
  }
  input[type="text"],
  select {
    width: 100%;
    padding: 10px;
    margin: 5px 0;
    border: 1px solid #ccc;
    border-radius: 4px;
    box-sizing: border-box;
  }
  input[type="submit"] {
    background-color: #4caf50;
    color: white;
    padding: 10px 20px;
    border: none;
    border-radius: 4px;
    cursor: pointer;
    float: right;
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    }
    input[type="submit"]:hover {
        background-color: #45a049;
    }
    .error {
        color: red;
    }
}
</style>
</head>
<body>
<h2>Student Registration Form</h2>
<form id="registrationForm" onsubmit="return validateForm()">
    <label for="firstName">First Name:</label>
    <input
        type="text"
        id="firstName"
        name="firstName"
        placeholder="Enter your first name"
    />
    <label for="lastName">Last Name:</label>
    <input
        type="text"
        id="lastName"
        name="lastName"
        placeholder="Enter your last name"
    />
    <label for="gender">Gender:</label>
    <select id="gender" name="gender">
        <option value="">Select</option>
        <option value="male">Male</option>
        <option value="female">Female</option>
        <option value="other">Other</option>
    </select>
    <label for="mobile">Mobile:</label>
    <input
        type="text"
        id="mobile"
        name="mobile"
        placeholder="Enter your mobile number"
    />
    <label for="email">Email:</label>
    <input
        type="text"
        id="email"
        name="email"
        placeholder="Enter your email"
    />

```

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/>
<input type="submit" value="Submit" />
</form>
<script>
function validateForm() {
    var firstName = document.getElementById("firstName").value;
    var lastName = document.getElementById("lastName").value;
    var gender = document.getElementById("gender").value;
    var mobile = document.getElementById("mobile").value;
    var email = document.getElementById("email").value;
    var nameRegex = /^[a-zA-Z]+$/;
    var mobileRegex = /^[0-9]{10}$/;
    var emailRegex = /^[^S+@\S+\.\S+$/;
    if (!nameRegex.test(firstName) || !nameRegex.test(lastName)) {
        alert("First name and last name should contain only characters.");
        return false;
    }
    if (gender === "") {
        alert("Please select a gender.");
        return false;
    }
    if (!mobileRegex.test(mobile)) {
        alert("Mobile number should contain only 10 digits.");
        return false;
    }
    if (!emailRegex.test(email)) {
        alert("Please enter a valid email address.");
        return false;
    }
    return true;
}
</script>
</body>
</html>
```

OUTPUT:

Student Registration Form

First Name:

Enter your first name

Last Name:

Enter your last name

Gender:

Select

Mobile:

Enter your mobile number

Email:

Enter your email

Submit

This page says

First name and last name should contain only characters.

OK

First Name:

Pratik1

Last Name:

Abhang

Gender:

Select

Mobile:

Enter your mobile number

Email:

Enter your email

Submit

This page says

Mobile number should contain only 10 digits.

OK

First Name:

Pratik

Last Name:

Abhang

Gender:

Male



Mobile:

876685467800

Email:

Enter your email

Submit

This page says

Please enter a valid email address.

OK

First Name:

Pratik

Last Name:

Abhang

Gender:

Male



Mobile:

8766854678

Email:

pratik@gmail

Submit