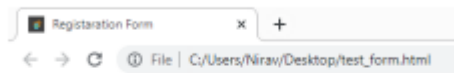# Assesment-Mernstack-HTML5

## Core Web Designing
## Assessment Test 1

- Create a Registration form to demonstrate the student details.

- Make sure to use lowercase for all start and end tags and tag must be closed as it starts.

- Execution of the code following result must be displayed.

Registration Form × +

← → C ⓘ File | C:/Users/Nirav/Desktop/test_form.html

### Student Registaration Form

First Name:
[Enter your first name]
Last Name:
[Enter your last name]
Email:
[it should contain @...]
Mobile:
[only 10 digits are allowed]
Gender:
○ Male  ○ Female
Date Of Birth:
[mm/dd/yyyy 📅]
Address:
[                    ]

City:
[                    ]
Area PIN:
[                    ]
State:
[                    ]
Qualification:
[Select Qualification: ▼]
Specialization:
☐ Computer Science
☐ Information Technology
☐ Computer Architecture
☐ Tele Communication
Password:
[                    ]
[Registered]

- Make sure each business logic is denoted with appropriate comments and make your code interactive and represent clean and clear output on your console screen.

- Make sure this code must be implemented using DIV tag , Label tag ,placeholder attribute .

- DO NOT USE TABLE TAG to create this form

- Make sure Title of this page and Favicon must be there.

- Make sure Form can't be submitted if it is empty.

- Make sure Name field can't accept numbers also it must accept minimum 3 and maximum 6 alphabets .

- Make sure Mobile field can't accept alphabets or symbol and it must accept 10 digits only.

- Now apply CSS to this Form and result must be as following:



- Make sure to use EXTERNAL CSS only and proper path must be there do not use system path to call this css.

- Make sure to use class and make this code clean and do not write unnecessary code.

**Ans:**

**Html code:**

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="description" content="Student Registration Form">
  <link rel="stylesheet" href="css 1.css">
  <title>Student Registration</title>
</head>
<body>
  <header>
    <h1>Student Registration Form</h1>
  </header>
  <main>
    <div class="form-container">
      <form action="#" method="post">

        <div class="form-group">
          <label for="first-name">First Name</label>
          <input type="text" id="first-name" name="first-name" placeholder="Enter your first name" minlength="3" maxlength="6" required pattern="[A-Za-z]+" title="Only alphabets allowed">
        </div>

        <div class="form-group">
          <label for="last-name">Last Name</label>
          <input type="text" id="last-name" name="last-name" placeholder="Enter your last name" required>
        </div>

        <div class="form-group">
          <label for="email">Email</label>
          <input type="email" id="email" name="email" placeholder="Enter your email" required>
        </div>

        <div class="form-group">
          <label for="mobile">Mobile</label>
          <input type="text" id="mobile" name="mobile" placeholder="Enter 10-digit number" pattern="[0-9]{10}" required title="Only 10 digits allowed">
        </div>

        <div class="form-group">
          <label>Gender</label>
          <div class="radio-group">
            <input type="radio" id="male" name="gender" value="Male" required>
            <label for="male">Male</label>
            <input type="radio" id="female" name="gender" value="Female">
            <label for="female">Female</label>
          </div>
        </div>

        <div class="form-group">
          <label for="dob">Date of Birth</label>
          <input type="date" id="dob" name="dob" required>
        </div>

        <div class="form-group">
          <label for="address">Address</label>
          <textarea id="address" name="address" placeholder="Enter your address" rows="3" required></textarea>
        </div>

        <div class="form-group">
          <label for="city">City</label>
          <input type="text" id="city" name="city" placeholder="Enter your city" required>
        </div>

        <div class="form-group">
          <label for="state">State</label>
          <input type="text" id="state" name="state" placeholder="Enter your state" required>
        </div>

        <div class="form-group">
          <label for="qualification">Qualification</label>
          <select id="qualification" name="qualification" required>
            <option value="" disabled selected>Select Qualification</option>
            <option value="Computer Science">Computer Science</option>
            <option value="Information Technology">Information Technology</option>
            <option value="Computer Architecture">Computer Architecture</option>
            <option value="Tele Communication">Tele Communication</option>
          </select>
        </div>

        <div class="form-group">
          <label for="password">Password</label>
          <input type="password" id="password" name="password" placeholder="Enter your password" required>
        </div>

        <div class="form-group">
          <button type="submit">Register</button>
        </div>
      </form>
    </div>
  </main>
</body>
</html>
```

**CSS code:**

```css
body {
  font-family: 'Arial', sans-serif;
  margin: 0;
  padding: 0;
  background-color: #eef2f3;
  color: #333;
}

header {
  text-align: center;
  padding: 20px;
  background-color: #4CAF50;
  color: white;
}

h1 {
  margin: 0;
}

.form-container {
  max-width: 600px;
  background-color: white;
  margin: 30px auto;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0px 4px 6px rgba(0, 0, 0, 0.1);
}

.form-group {
  margin-bottom: 15px;
}

label {
  display: block;
  font-weight: bold;
  margin-bottom: 5px;
}

input, textarea, select {
  width: 100%;
  padding: 10px;
  font-size: 14px;
  border: 1px solid #ccc;
  border-radius: 4px;
  box-sizing: border-box;
}
```

```css
textarea {
  resize: none;
}

input:focus, textarea:focus, select:focus {
  border-color: #4CAF50;
  outline: none;
}

.radio-group {
  display: flex;
  gap: 15px;
}

.radio-group input {
  margin-right: 5px;
}

button {
  width: 100%;
  padding: 10px;
  background-color: #4CAF50;
  color: white;
  font-size: 16px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  transition: background-color 0.3s ease;
}

button:hover {
  background-color: #45a049;
}
```

**OUTPUT:**