

# Classwork: Interactive Form

Monday, November 17, 2025 8:30 AM

## Submission:

- You can name your files as wish.
- Submit to a new repository named as "jquery\_assignment".
- There can be any number of files.

## Instructions:

Based on the HTML given, improving it to meet the following requirements

- If any of the username, email, password or confirmed password is empty, then
  - Change the border color to red
  - Display a small text under the field as "this field must not be empty"
- At least one of the Interesting Topics choices must be checked, otherwise display a small red text besides the label as "At least one topic must be selected"
- If the Gender drop down selection must not be "—" (the first option), display a red small text beside the label as "please choose your gender"
- When clicking on Submit button, check the confirmed password. If confirmed password value does not match the password value, then
  - Change the confirmed password border color to red
  - Display a small text under confirmed password field as "confirmed password mismatched the password"
- Note that you can modify the HTML freely as well as create any number of corresponding files.
- Explicitly importing CSS and JavaScript is preferred, but implementing it internally has no penalty.

## HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Interactive Web Form Assignment</title>
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-sRI14kxILFvY47J16cr9ZwB07vP4J8+LH7qKQnuqukIAvNWLzeN8tE5YBujZqJLB" crossorigin="anonymous">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.8/dist/js/bootstrap.bundle.min.js" integrity="sha384-FKyoEForCGlyvwx9Hj09JcYn3nv7wiPVLz7YYwJrWVcXK/BmnVDxM+D2scQbITxI" crossorigin="anonymous"></script>
  <style>
    .error-text {
      color: red;
      font-size: 0.9rem;
      margin-top: 3px;
    }
  </style>
</head>
<body class="bg-light">
  <div class="container mt-5">
    <div class="card shadow">
      <div class="card-body">
        <h3 class="mb-4">Interactive Web Form</h3>
        <!-- Username -->
        <div class="mb-3">
          <label class="form-label">Username</label>
          <input type="text" id="username"
class="form-control">
        </div>
        <!-- Email -->
        <div class="mb-3">
          <label class="form-label">Email</label>
          <input type="email" id="email"
class="form-control">
        </div>
        <!-- Password -->
        <div class="mb-3">
          <label class="form-label">Password</label>
          <input type="password" id="password"
class="form-control">
        </div>
        <!-- Confirm Password -->
        <div class="mb-3">
          <label class="form-label">Confirm
Password</label>
```

```
<input type="password"
id="confirmPassword" class="form-control">
</div>
<!-- Interesting Topics -->
<div class="mb-3">
  <label class="form-label fw-
bold">Interesting Topics</label>
  <div class="form-check">
    <input class="form-check-input topic"
type="checkbox" id="topic1" value="HTML">
    <label class="form-check-label"
for="topic1">HTML</label>
  </div>
  <div class="form-check">
    <input class="form-check-input topic"
type="checkbox" id="topic2" value="CSS">
    <label class="form-check-label"
for="topic2">CSS</label>
  </div>
  <div class="form-check">
    <input class="form-check-input topic"
type="checkbox" id="topic3" value="JavaScript">
    <label class="form-check-label"
for="topic3">JavaScript</label>
  </div>
</div>
<!-- Gender -->
<div class="mb-3">
  <label class="form-label fw-
bold">Gender</label>
  <select id="gender" class="form-select">
    <option>--</option>
    <option>Male</option>
    <option>Female</option>
    <option>Other</option>
  </select>
</div>
<!-- Submit -->
<button id="submitBtn" class="btn btn-
primary">Submit</button>
</div>
</div>
<script src="https://code.jquery.com/jquery-
3.7.1.min.js"></script>
</body>
</html>
```