

1. You are developing a registration form for a website. The form requires users to enter:
 - A **username** (at least 5 characters)
 - An **email** (must be a valid email format)
 - A **password** (at least 8 characters, must include a number)
 - A **confirm password** field (must match the password)

Problem Statement:

Write JavaScript code to validate the form. If any field is incorrect, display an appropriate error message.

2. You are designing a **simple quiz app** where:
 - The user selects the **correct answer** from multiple-choice questions.
 - After the quiz, the total **score is displayed**.

Problem Statement:

Write JavaScript code to create a **dynamic quiz** with at least 3 questions.

3. You are working on an **e-commerce website** that offers **limited-time deals**. The timer should count down from **5 minutes** and disable the "Buy Now" button when time runs out.

Problem Statement:

Write a jQuery script to implement the countdown timer and disable the button when the timer reaches **00:00**.

4. You are building a **real-time search feature** for a blog website. When a user types in the search box, matching words in a list of articles should be **highlighted in yellow**.

Problem Statement:

Write a jQuery script that:

- Filters and displays matching results in real-time.
- Highlights the matching text.