# JavaScript Practice Tasks

## ✅ Task 1: Build a Simple User Info Panel

Objective: Practice prompt, alert, conditional statements, and document.write().

**Instructions:**1. Ask the user for their name and age using prompt().  
2. Use isFinite() to validate the age input.  
3. If the age is valid:  
 - Use document.write() to display a styled welcome message that includes the user's name and age.  
4. If the age is invalid:  
 - Alert the user with a message like 'Please enter a valid number'.  
5. Add inline CSS to change the text color based on the age:  
 - If age < 18, color should be orange.  
 - If age >= 18, color should be green.

Ignore older than 50 years old

* Example Output:

<h2 style="color:green">Hello Ahmed, your age is 25</h2>

## 🧠 Task 2: Create a Custom Object with Dynamic Properties

Objective: Practice object creation, dot and bracket notation, loops, and methods.

**Instructions:**1. Create an object named student with the following structure:  
 - name: a string  
 - age: a number  
 - contact: an object containing phone and email  
2. Add a method displayProfile() that logs a message like:  
 'Ahmed is 23 years old. Contact: 0123456789, ahmed@mail.com'

## 🧪 Task 3: Function + Logic Challenge

Objective: Combine functions, conditionals, operators, and validation.

**Instructions:**1. Define a function called calculatePrice(quantity, pricePerUnit).  
2. Inside the function:  
 - Check if quantity and pricePerUnit are valid numbers using isFinite().  
 - Use a ternary operator to apply a 10% discount if quantity is greater than 10.  
 - Return the total price after any discount.  
3. Call the function with different values and display results using console.log().  
4. If input is invalid, alert the user with a proper message.