

Exercise 1: Create a user registration form with these requirements:

1. Include these fields:
 - Username (text input)
 - Password (password input)
 - Profile Picture (file input)
2. Add validation rules:
 - Username must be 5-15 characters
 - Password must contain numbers and letters
 - Image file must be JPG or PNG
3. Style form with Flexbox layout
4. Add password strength indicator that:
 - Shows weak/medium/strong based on password
 - Updates in real-time as user types

Exercise 2: Create a computer parts price list table with these requirements:

1. Create table with 4 computer parts and prices
2. Use HTML5 structure (DOCTYPE, head, body)
3. Include these HTML entities: ©, ™, •
4. Style table with borders and padding
5. Add "Change Color" button that:
 - When clicked, changes all table text to red
 - Use changeColor() function and getElementById()

Exercise 3: Create a student grade calculator with these requirements:

1. Create a table showing 4 subjects and grades
2. Use HTML5 structure (DOCTYPE, head, body)
3. Include these HTML entities: ®, §, ≥
4. Style table with alternating row colors
5. Add "Calculate Average" button that:
 - When clicked, calculates and displays average grade
 - Use calculateAverage() function and querySelectorAll()

Exercise 4: Create a restaurant menu interface with these requirements:

1. Create sections for: Appetizers ®, Main Course §, Desserts, Drinks
2. Add prices with currency symbol (≥)
3. Add "Filter Menu" button that:
 - Toggles between showing all items or only vegetarian options
 - Use filterMenu() function
 - Use getElementsByClassName()

Exercise 5: Create a tabbed content interface with these requirements:

1. Create 4 tabs: Features ®, Pricing €, Reviews, Support
2. Add arrow icons (→) to indicate active tab
3. Style tabs with different states (active/inactive)
4. Add tab functionality that:
 - o Shows corresponding content when tab is clicked
 - o Use switchTab() function
 - o Use classList.add() and classList.remove()

Exercise 6: Create a bookstore website navigation with these requirements:

1. Create navigation with 4 links: Home, Books ©, Authors ™, Contact
2. Add bullets (•) between navigation items
3. Add "Toggle Menu" button that:
 - o Shows/hides the navigation menu
 - o Use toggleMenu() function
 - o Use classList.toggle("hidden")

Exercise 7: Create a simple contact form with these requirements:

1. Include these fields:
 - o Name (text input)
 - o Email (email input)
 - o Message (textarea)
2. Add proper labels and submit button
3. Style form with proper spacing and borders
4. Add basic validation:
 - o Check if fields are empty
 - o Show success message when all filled

Exercise 8: Create a newsletter subscription system with these requirements:

1. Include these elements:
 - o Full Name (text input)
 - o Email (email input)
 - o Subscription Type (radio buttons: Monthly/Yearly)
 - o Interests (checkboxes)
2. Add form validation with these rules:
 - o Email must contain @ and domain
 - o At least one interest must be selected
3. Style form with CSS Grid layout
4. Show success message when form is valid

Exercise 9: Create a product showcase with these requirements:

1. Create a grid of 4 product cards showing:
 - o Product name
 - o Price
 - o Short description
2. Use HTML5 structure (DOCTYPE, head, body)
3. Include these HTML entities: ®, €, →
4. Style cards with box-shadow and hover effects
5. Add "Toggle Price" button that:
 - o When clicked, hides all prices
 - o Use togglePrice() function and getElementsByClassName()