

HTML & CSS Exercises

Exercise 1: Personal Profile Card

Create a simple personal profile card using HTML and CSS.

The profile card should:

- Display your name
- Display a short description about yourself
- Include a button with the text “Contact Me”

Apply CSS so that:

- The card is centered on the page
- A background color is applied to the card
- A border with rounded corners is visible
- The page has a neat and readable font

Exercise 2: Login Form Design

Design a login form using HTML and CSS.

The form should contain:

- A username input field
- A password input field
- A login button

Apply CSS styling such that:

- The background of the page uses a color gradient
- The form is centered on the screen

- Input fields and the button are properly styled

Exercise 3: Hover Effect Button

Create a button using HTML and CSS.

The button should:

- Have a background color and padding
- Change its background color and text color when the mouse pointer is placed over it

This exercise demonstrates the use of the :hover pseudo-class in CSS.

Exercise 4: News Card Layout

Design a simple news card using HTML and CSS.

The news card should include:

- A headline
- A short news description
- A “Read more” link

Apply CSS to:

- Add a border around the card
- Apply a background color
- Add spacing inside the card

Exercise 5: Observation and Understanding

Answer the following by creating examples and observing the output in the browser:

1. What happens when margin: auto is applied to an element with a fixed width?
2. How does the appearance of a webpage change when the background color is removed?
3. What effect does setting border-radius to 50% have on a square element?