

CSS Layout Practice Worksheet

Topic: Float, Inline-Block, Universal Selector & Box-Sizing

Exercise 1 – Image + Article Layout

- Create a blog article layout with a heading, an image, and a paragraph (6–7 lines).
- Image must float to the left.
- Image width should be 200px.
- Add right margin to create spacing between image and text.
- Apply universal selector (*) with margin: 0; padding: 0; box-sizing: border-box;

Exercise 2 – Sidebar Layout Using Float

- Create structure: Header, Sidebar, Main, Footer.
- Header & Footer: Full width, black background, white text, padding 20px.
- Sidebar: 30% width, float left, lightgray background, height 300px.
- Main: 70% width, float left, background #f4f4f4, height 300px.
- Footer must use clear property.
- Apply universal selector and box-sizing property.

Exercise 3 – Inline-Block Card Layout

- Create 4 cards side by side using inline-block.
- Each card: width 22%, height 150px.
- Add 2px solid black border.
- Add 10px padding.
- Apply box-sizing: border-box.
- Ensure all cards appear in one row.

Exercise 4 – Float vs Inline-Block Comparison

- Create 3 boxes using float.
- Create 3 boxes using inline-block.
- Answer the following:
 1. Which one requires clear property?
 2. Which one leaves spacing between elements?
 3. Which one removes elements from normal flow?

Bonus Challenge – Advanced Students

- Create 3 floated product cards.
- Each card should be 30% width.
- Add margin between cards.
- Prevent layout breaking using proper width calculation.
- Use box-sizing: border-box.

Instructor Notes:

- Ask students why box-sizing is important.
- Discuss what happens when total width exceeds 100%.
- Reinforce the concept of clear property in float layouts.