

Project 4: CSS Cheat Sheet (Up to 100 Points)

Task: Generate a two-page (each sheet 11 x 8.5 inch, landscape orientation) PDF cheat sheet that summarizes key components of CSS. Some good example software cheat sheets can be found here:

<https://opensource.posit.co/resources/cheatsheets/>. The goal of this cheat sheet is to provide a single-page reference and summary of key CSS syntax and concepts. You can use any graphics generation software of your choosing. Good tools include Publisher, Power Point, Adobe Illustrator, Inkscape, and Draw.io.

Requirements:

1. Explain the different means to store CSS: inline, internal, and external
2. Explain how to link/reference external CSS to an HTML file
3. Explain element, id, and class selectors
4. Outline key precedence rules
5. Explain combinations selectors
6. Explain pseudo-class selectors
7. Explain CSS comments
8. Explain different ways to define colors
9. Explain how to specify different components of type or font
10. Provide examples of border styling
11. Explain margin and padding
12. Explain how to define/set height and width and maximum height and width
13. Explain static, relative, fixed, absolute, and sticky positioning
14. Explain float and clear
15. Explain block, inline, and inline-block

Grading Considerations:

- ❖ All the above topics are included and explained. (Up to 40 Points)
- ❖ Provide examples of the CSS syntax and the rendered content (e.g., show the impact of padding visually). Note: you may also need to show some HTML. (Up to 32 Points)
- ❖ The content should be as generic as possible. (Up to 10 Points)
- ❖ The page is overall well laid out and easy to follow; content is grouped and organized; the layout makes good use of space (not too sparse or too crowded). (Up to 20 Points)
- ❖ Good use of graphics and color to enhance the sheet. (Up to 10 Points)

Deliverables:

- ❖ Software-specific file (e.g., .ai file)
- ❖ Rendered PDF file