

WEB DEVELOPMENT

Practicum - Week 2.2

Exercise guidelines

📁 Folder structure

For this exercise, **work in the folder called week 2.2.** in your repository folder. Only put the files necessary to complete the exercise in here.

DO NOT add any source materials in this folder (screenshots, pdf files, ...)

🕒 Submission deadline

The deadline for this exercise is **Sunday, October 3rd, 23:59.**

📋 Submission rules

Submission rules are listed in the week 1.1 briefing

Final result

The folder “**final result**” contains an image of the expected end result. Any intermediary steps are not obligatory to be completed in that order, but serve as additional help only.

Convert text to HTML

1. Follow the same steps as in the previous exercises regarding folder structure, file naming, etc.
2. Convert the text in **plain text.txt** to the correct HTML elements. Don't forget those semantic tags!

Make sure your result resembles that of [intermediate-result-1.png \(source files\)](#) before moving to the next step

Adding the CSS

See practicum 2.1. for detailed instructions on coupling reset and screen CSS files

Plan before coding

Once again, take the end result and plan ahead. Mark down the HTML tags you can identify, add IDs and classes where necessary and use this blueprint to tackle the code.

Use the screenshots supplied to get an idea of what the evolution of the page may look like

Tips and tricks

- The header **spans across the entire width of the page**, regardless of the size of your screen
- The main content elements are **centered on the page** and have a **width of 60%**
- Most margins and paddings are a **variation of the following units**: 0.25rem, 0.5rem, 0.75rem, 1.75rem, 2.5rem. Some may vary, but always ending in a 0 or 5. Try to approximate as best you can
- The navigation is **centrally aligned** on the page and has a **width of 20%**. There is a bottom margin of 1.75rem. The lines below the menu items have a 0.125rem thickness and have a 0.75rem space between the menu items as well as the text
- The menu items have a **'hover' state** in which the image's colour changes as well as the text colour, as illustrated below. The images are at their optimal size when at 1.5rem width and 2rem height



- Several **shadow techniques** have been used in this design. Pay close attention to detail. The shadow on the “Grow it, eat it” is different from the one on “Our offer”, not just in colour. The first has a “soft” shadow, the second a “hard” shadow. Play with the properties to figure out which one is responsible. The shadow below the “box” is of the soft type as well.
- The footer has a CSS gradient applied to it, that goes from **rgba(205,222,71,1)** to **rgba(240,36,42,1)**. CSS gradients can be tricky at first, so feel free to use a tool like <https://cssgradient.io/> to get it right. It doesn't have to be a perfect replica of the example, just make sure you understand how the stops work and what the different types look like
- General tip: you can apply **multiple backgrounds** to a single element

Challenges:

- Clean HTML is good HTML. Try using as few classes and IDs as possible in every exercise. Only add them when it makes sense!

This exercise can be completed without IDs and only 3 classes

Be careful: using fewer than 3 classes will result in inefficient code. This is an example where you do need classes to solve a problem efficiently

Used colours / fonts:

- Font titles, links, footer: Palatino Linotype, Book Antiqua (fallback), Palatino (2nd fallback)
- Font body text: Trebuchet MS, Helvetica (fallback), font size 0.8rem
- “Grow it, eat it”: 9.375rem in height, 3rem font size, 1.75rem bottom margin
- “Our offer”: 3.7rem font size
- Paragraphs / body text: 140% line height, 2rem bottom margin
- Navigation: Font size 1.3rem with 0.15rem space between each letter
- “Contact us” has 0.625rem bottom margin.
- The address lines in the footer have a line height of 140%
- The recipe and seeds images are 6.25rem by 6.25rem and have a 0.5rem offset starting from the element they belong with
- The recipe and seeds blocks are spaced 3.75rem apart. The titles have a font size of 2.5rem and a bottom margin of 0.5rem
- The paragraphs inside the seeds / recipes blocks take up 80% of the available space and are spanned 1.25rem apart
- The links “view recipes” have a font size of 1.1rem