LAB 9 (WEEK 43)

Grid Layout

Flexbox

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Exercise 1

Play the Grid Garden game to practice your new CSS skills.

https://cssgridgarden.com/

Exercise 2

The goal of this exercise is to use the Grid layout module to create the following layout. Inside the template.html code, you will find comments and suggestions about the sizes of the containers, etc.
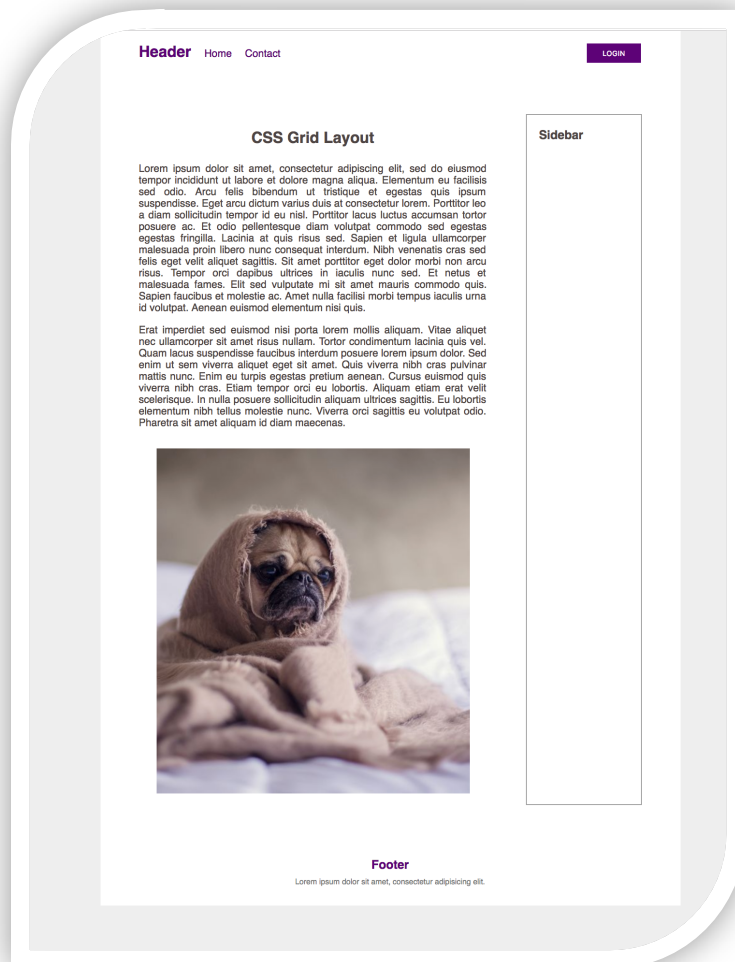

Figure 1 expected result in screens greater than 600px wide

Remember, you that are not allowed to modify the structure of the html templated provided with the sources of this lab (In fact, for the flexbox layout you may need to create an extra div, but nothing else…).

Exercise 2.1

The "template.html" file contains the html code you need to turn into a layout. Next Figure 1 displays the expected result in screens greater than 600px wide.

- Clone the "template.html" file and rename it as "grid.html"
- Read the code and uncomment the proper link to load the CSS file that will contain the styles for the grid.
- Edit the styles/grid-layout.css to create the expected page. Follow the comments available in the css file.

The following screenshots may help you to understand the grid.

Header Home Contact LOGIN

Header Home Contact LOGIN

section.main 540 × 1090.29

CSS Grid Layout

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Sidebar

LOGIN

aside.**sidebar** 180 × 1072.52

Sidebar

CSS Grid Layout

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footer 780 × 95

Notice that the container of the page (the one with the white background) has a max width of 960 pixels.

NOTE: don't forget to read the code before coding. There are some comments inside.

Exercise 2.2

In this part of the exercise, the goal is to use media queries to create a different layout for small screens (width < 600px).

Exercise 2.3

The goal of this task is to create the same layout only using flexbox.

- Clone the "template.html" file and rename it as "flex.html"
- Read the code and uncomment the proper link to load the CSS file that will contain the styles for the flex layout.
- Edit the styles/flexbox-layout.css to create the expected page. Follow the comments available in the CSS file.

Note #1: you don't need to create a pixel perfect version of the same grid layout.
Note #2: you may need to encapsulate the ".main" and ".sidebar" containers inside a div.