Laboratory 05 – SCSS

Task 01

Take the "index.html" document provided on Teams. Create an SCSS stylesheet named "myStyles.scss". We need to make sure that this stylesheet gets compiled into a CSS stylesheet. In order to achieve this, make sure that the "Live SASS compiler" is installed from the "Extensions" tab in Visual Studio Code.

Then, while your "myStyles.scss" file is active, enable the SASS live compiler by clicking the "Watch Sass" button in the Status Bar.

If you've configured everything correctly, whenever you save your SCSS file, it should be automatically compiled into a standard CSS file. Import this **CSS file** in your "index.html".

Note: We code SCSS, however, we import CSS in our HTML. Do not edit the CSS file, because this will be overwritten whenever you edit and save the SCSS file!
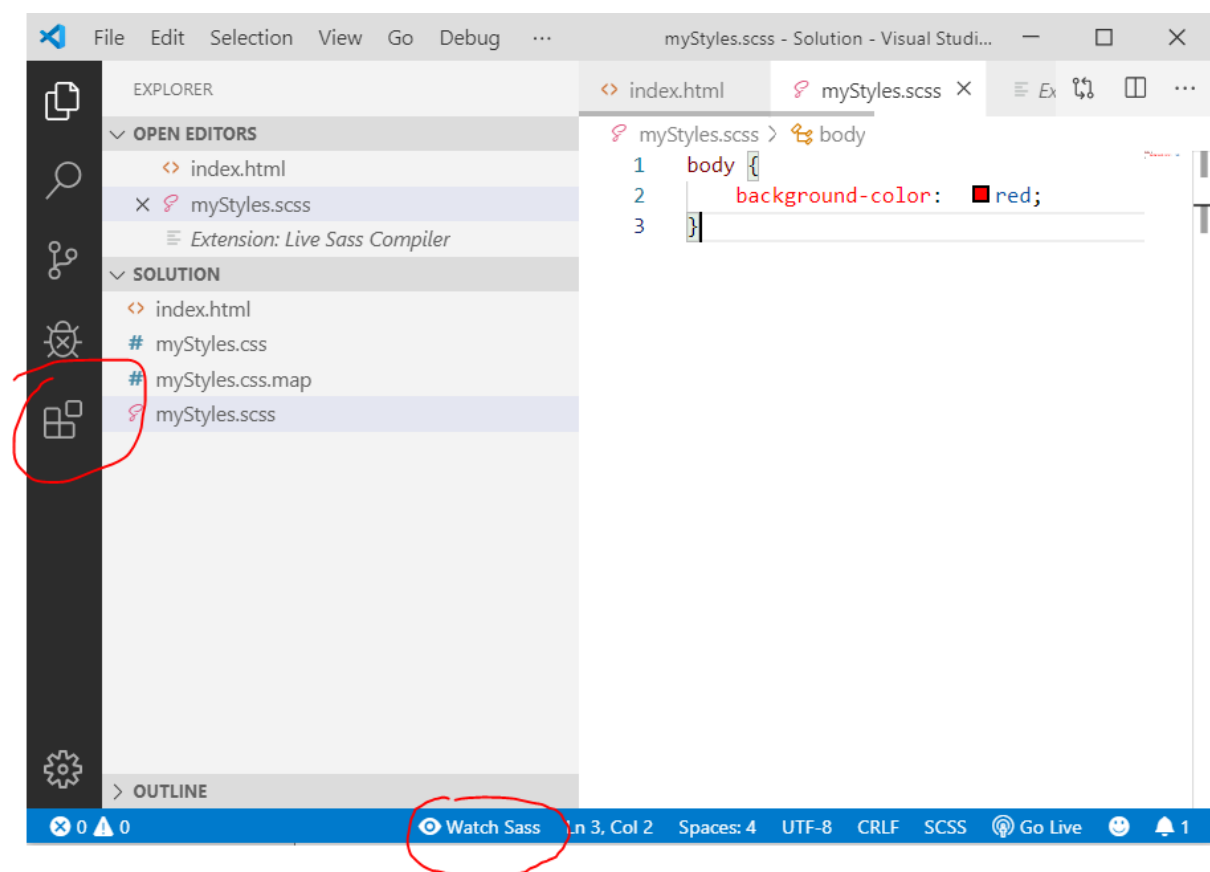

Figure 1. Visual Studio Code - "Extensions" tab and "Watch Sass" option

Task 02

Format the webpage to look like the figure below. Use SCSS. Don't forget that SCSS can be cascaded, to easily reflect the structure of the HTML document.
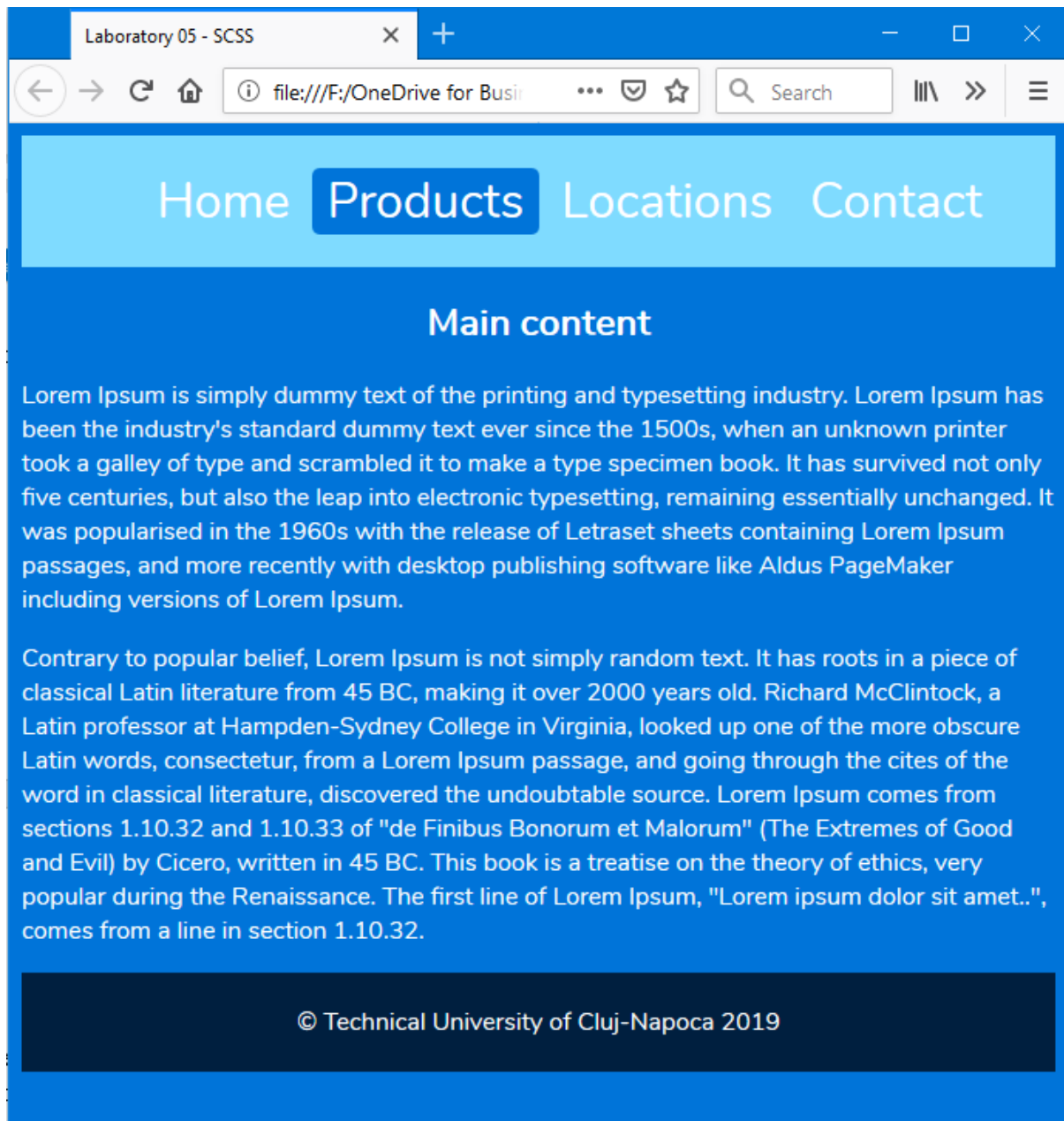

Figure 2. Style your webpage to look like this

Task 03

Define a mixin that comes into play when the window width exceeds 1000 pixels. Using the mixin, edit your SCSS file, so that the webpage looks like below, for windows larger than 1000 pixels.
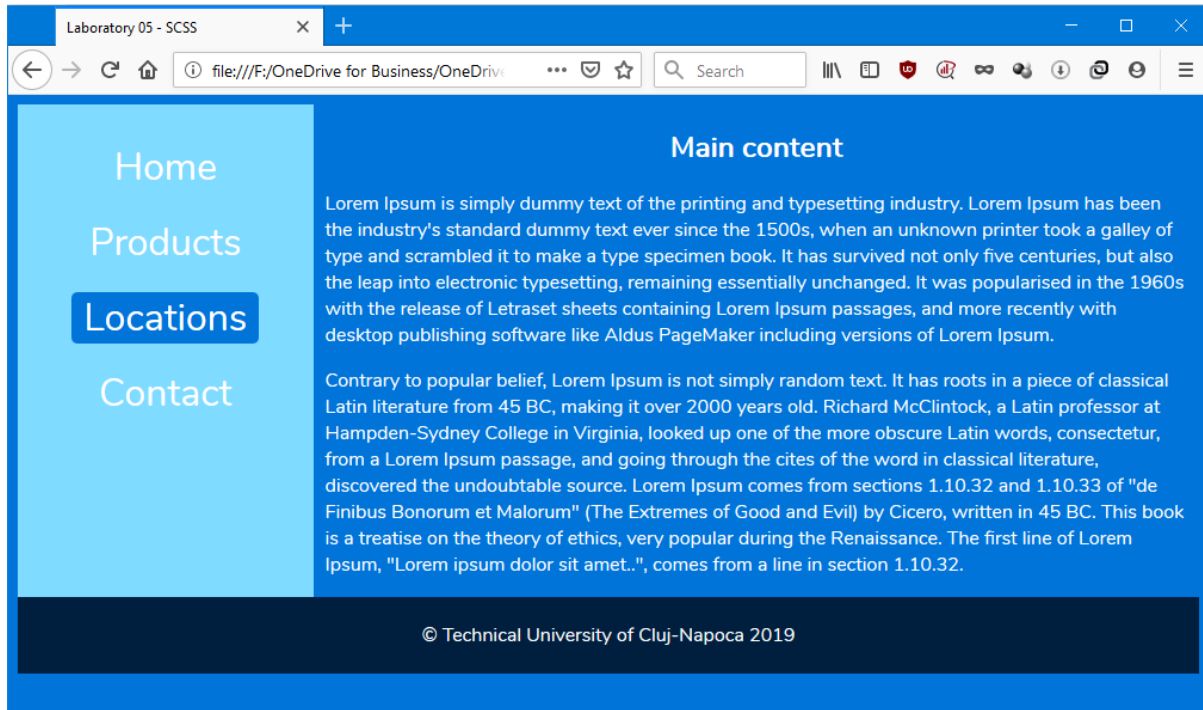

Figure 3. Webpage layout for windows wider than 1000 pixels

Finally, upload the HTML and CSS files that resulted from today's work to the assignment in Teams! Don't forget to hit the "Hand in" button after you are done!