

Preprocessors

DEADLINE: 27/12/2021

FOLDER STRUCTURE

<pre>FL18_HW10/* ├─ task/** ├─ homework/* │ ├─ css/* │ │ ├─ style1.css* │ │ └─ style2.css* │ └─ img/* │ └─ images...* ├─ scss/* │ ├─ _main.scss* │ ├─ _variables1.scss* │ ├─ _variables2.scss* │ ├─ style1.scss* │ └─ style2.scss* ├─ index.html* └─ koala-config.json*</pre>	<p>* - required</p> <p>** - restricted (no need to submit)</p>
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TASK

In this archive you can find an `index.html` file with provided page markup, images, some prepared `.scss` files, and a `design/` folder with expected results.

Your task is to generate two different `css` files according to design.

- All required `css` rules and `scss` **mixins** should be written in `_main.scss` and variables should be defined in `_variables1.scss` and `_variables2.scss` files
- Do not change files `scss/style1.scss` and `scss/style2.scss`. They already import all necessary partials
- **scss** file should use a nesting syntax
- you should use **mixin** for styling links and buttons
- use at least one **@extend** rule
- use at least one **map**

- **index.html** by default should use **style1.css** for styling
- All distances between blocks should be set by yourself (tips: you can use Pixel perfect browser addon, but it isn't required)
- No requirements for browser support (should correctly work in last version of Google Chrome)

Please use [koala-app](#) for compiling. Find a koala-config.json config file where compilation path is already set.

EXPECTED RESULTS

The **style1.css** and **style2.css** are generated from source files.

Page design should match v1.png. When page is switched to use styles2.css by changing link to `<link rel="stylesheet" href="css/style2.css">` it should match v2.png.

You can switch styles manually in header section of index.html.

EXAMPLE

```
_main.scss:
body {
    background: $contentBackground;
}
main {
    margin: 0 auto;
    width: 960px;
}
...
_variables1.scss:
$contentBackground: #fff;
...
_variables2.scss:
$contentBackground: #660;
```

FONTS AND COLORS

Fonts are already included in html head section, use them as:

```
font-family: 'Source Sans Pro', sans-serif;
```

```
font-family: 'Hind', sans-serif;
```

```
font-family: 'Fresca', sans-serif;
```

Feel free to use any tool which will help you to pick the right color. Colors should be as close to design as possible.

RESTRICTIONS

- Do not use any CSS framework for this homework.
- Do not use any others scss compilers except koala.

BEFORE SUBMIT

- Make sure you've done all steps, described above and homework result match the designs;
- *.scss files compiles without any errors;
- Make sure your code is well-formatted, and validated via validator:
HTML: <https://validator.w3.org/>
CSS: css validation isn't required.

SUBMIT

- The **FL18_HW10** folder without **task** folder should be uploaded to GitLab repository "**FL-18**" into **main** branch.

USEFUL LINKS

- <http://koala-app.com/>
- <https://sass-lang.com/guide>