**CSS Basics**

**DEADLINE:** 23/06/2019

## **FOLDER STRUCTURE**

FL11\_HW2/\* **\*\* - required**

├─ task/\*\* **\*\* - restricted (no need to submit)**

├─ examples/\*\*

   └─ homework/\*

        └─ css/\*

            └─ bootstrap.min.css\*

└─ general.css\*

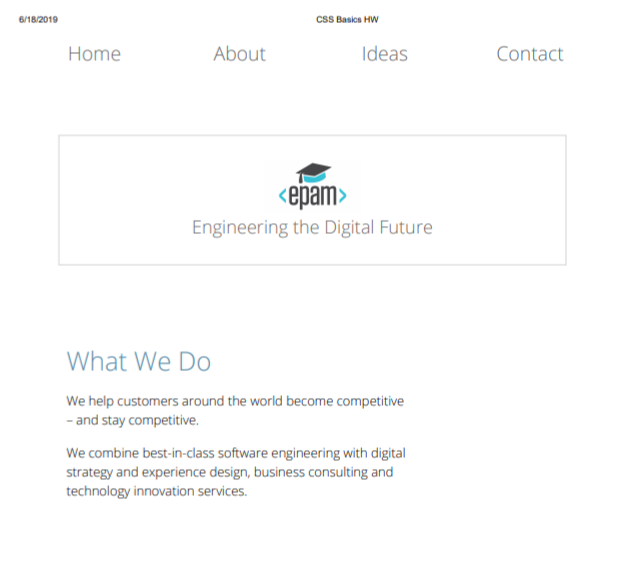
└─ style.css\*

        └─ img/\*

     └─ index.html\*

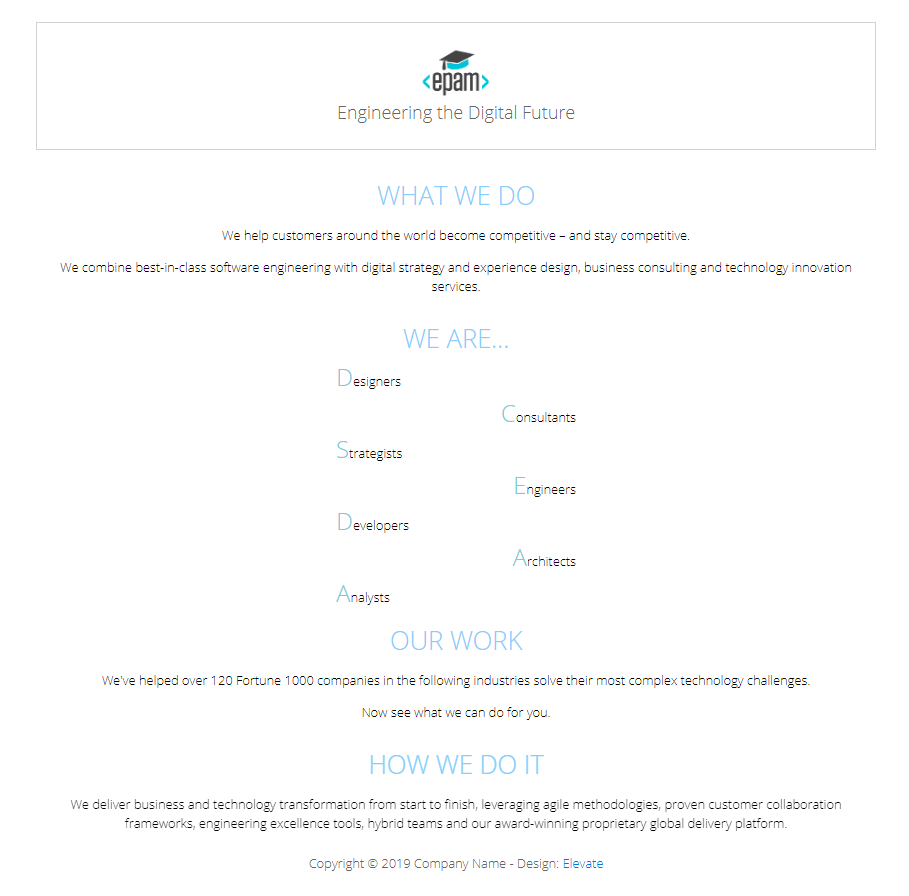
## **TASK**

1) Open **index.html**. You are provided with a mark-up of a web-page, **print preview mode**[[1]](#footnote-1) of which looks as follows (see **Figure 1**):



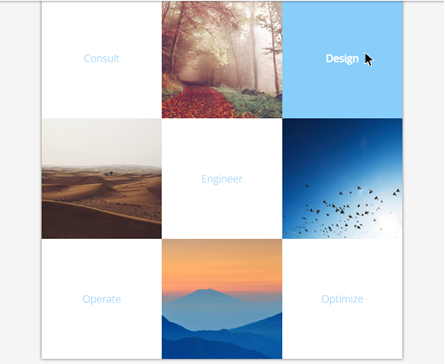
**Figure 1 — Print version**

Apply your custom CSS styles to modify the page print view. The result should look close (not pixel perfect) to the example provided in **Figure 2**.



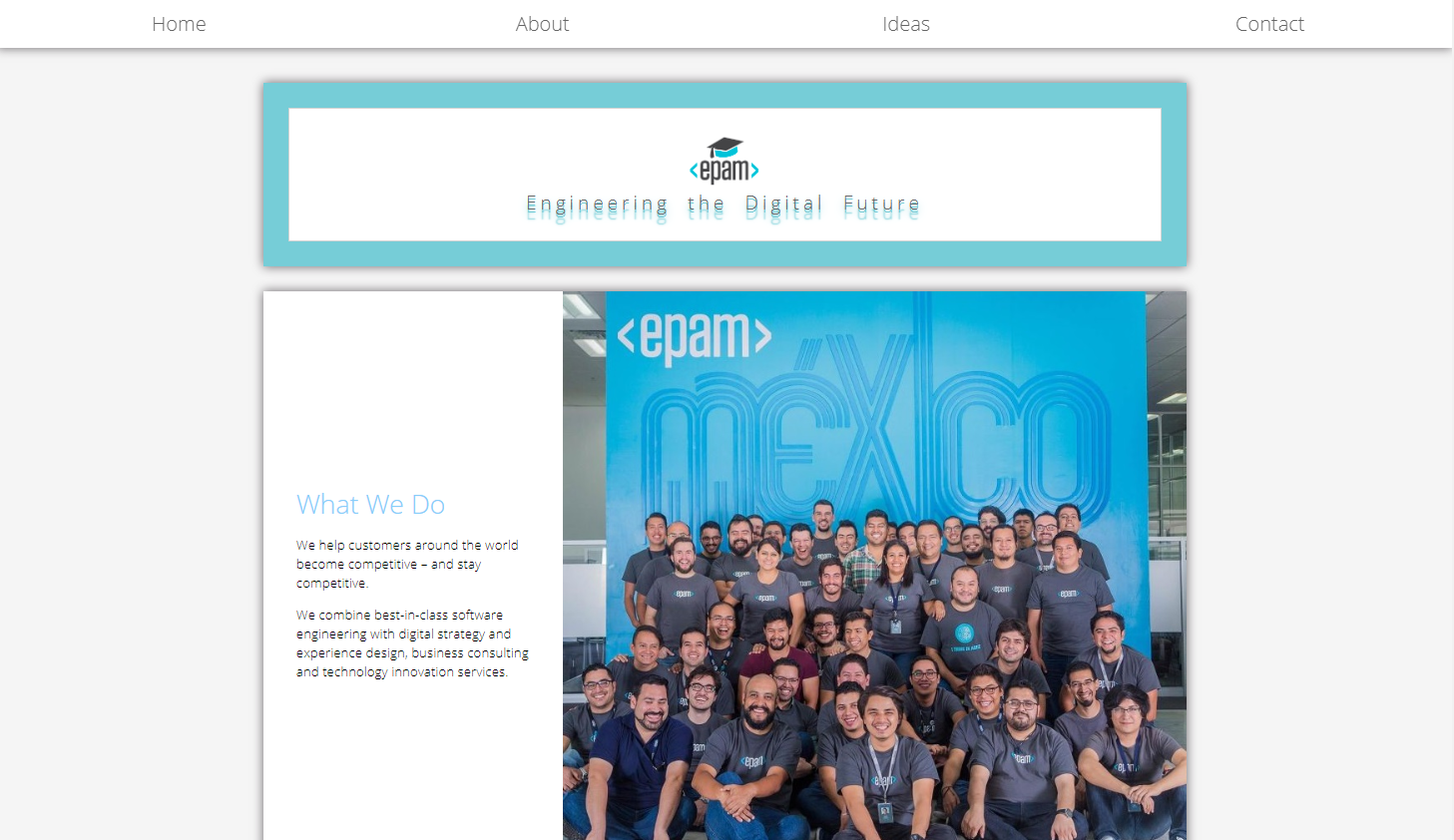
##### **Figure 2 — Print version (mockup)**

2) There is a gallery section in the markup. Please add a hover effect to it as shown in **Figure 3**.



##### **Figure 3 — Gallery block (mockup)**

3) Add a box-shadow to navigation and to each content block (color - ***rgba(61, 55, 61, 0.7)***). Change banner’s background-color to ***#76cdd7***. Add text-shadow, letter-spacing and word-spacing to the banner (see **Figure 4** for reference).



##### **Figure 4 — Blocks shadow and banner’s styling (mockup)**

4) Make use of pseudo-elements to add a blue triangle to each section of the page (see top left corner in **Figure 5**).



##### **Figure 5 —Triangle (mockup)**

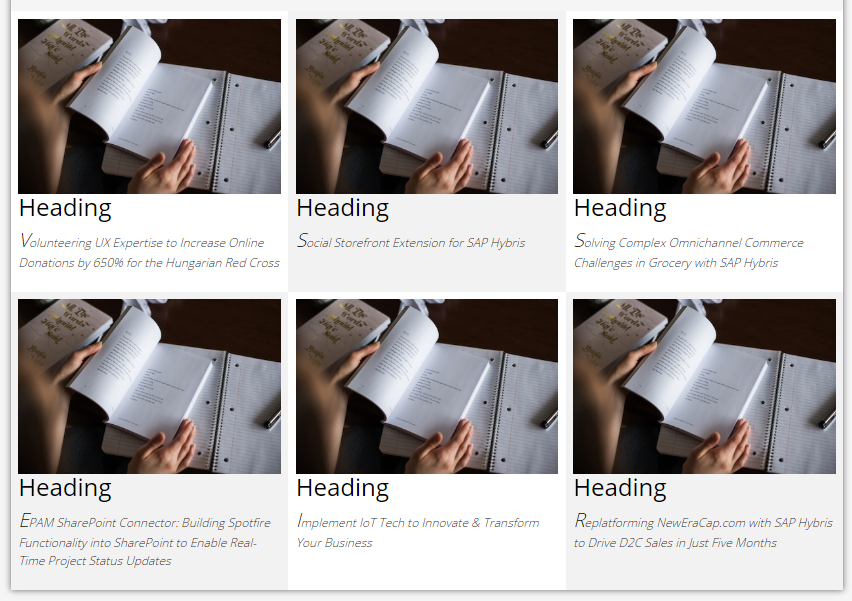
5) Add styling to the “We are…” section (see **Figure 6** for reference):

* add styling to section header;
* change list type to **lower-roman**;
* already visited links should change their color to **#ffb347** (see “Designers” and “Consultants” items);
* the hovered links should look like “Engineers” item (**#ffb347**);
* add “New” label to the end of “Designers” and “Strategists” list items; change their font-variant and boldness.



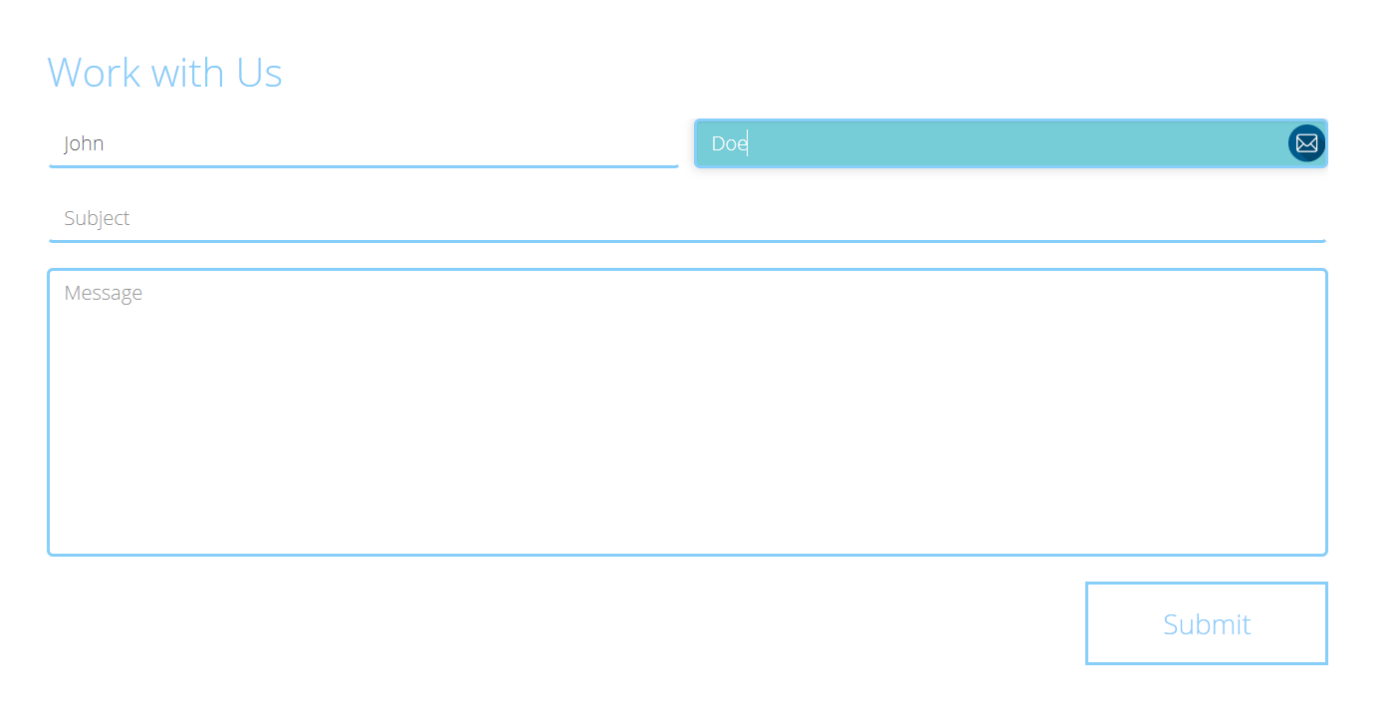
**Figure 6 —List styling (mockup)**

6) Style the following block as shown in **Figure 7**.



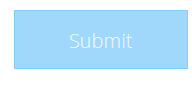
**Figure 7 —Block styling (mockup)**

7) Style form elements as shown in **Figure 8**. Note that e-mail field contains an image (img/search-icon.png) and textarea is non-resizable.



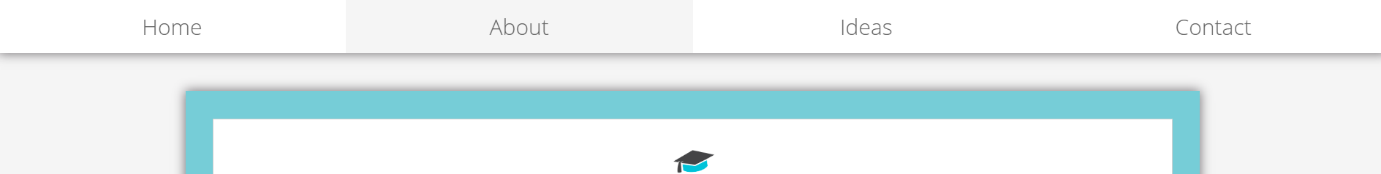
**Figure 8 —Work with Us form (mockup)**

The submit button should have a hover effect (see **Figure 9**).



**Figure 9 —Submit button in hover state (mockup)**

8) Add a hover effect for the navigation items (grey background) (see **Figure 10**).

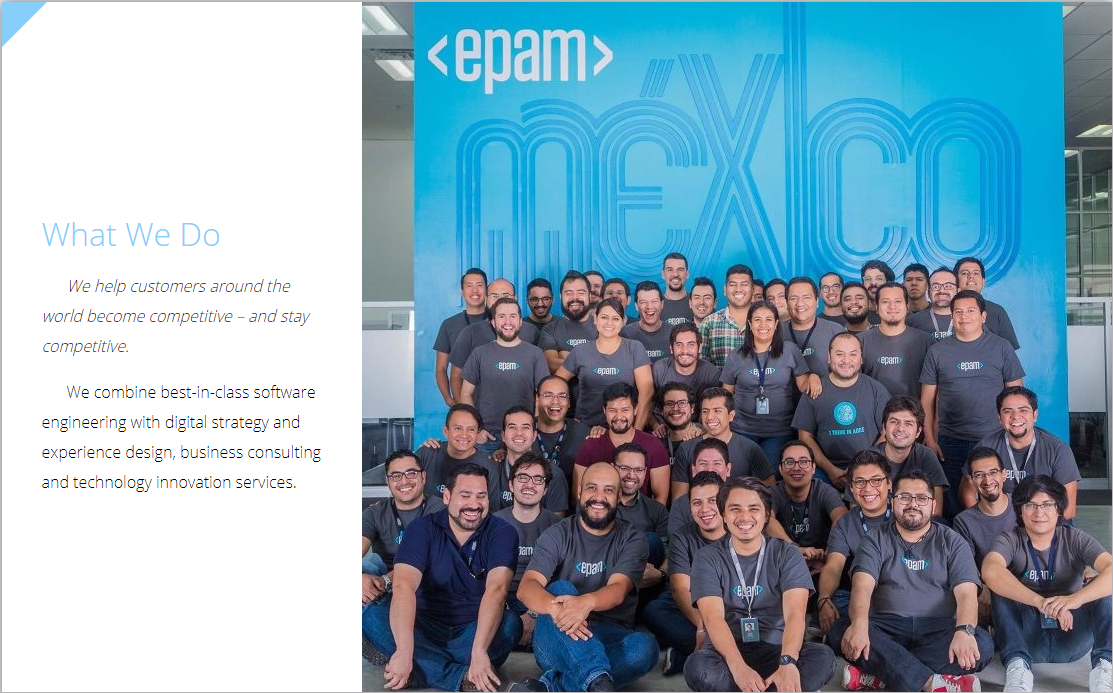


**Figure 10 — Hover effect for navigation items (mockup)**

9) Every first paragraph that immediately follows <h2> should be italicized and formatted in such a way (see **Figure 11** for reference):

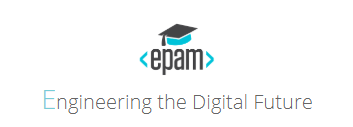
- vertical space between lines should be increased;

- some extra space at the start of the first line should be added.



##### **Figure 11 —Paragraph styling (mockup)**

Note that the text in the banner should not be formatted (see **Figure 12**):



##### **Figure 12 —Text alignment in the banner (mockup)**

10) Add animation to the banner’s text. Make it rotate around its axis (see examples/animation.gif).

## **RESTRICTIONS**

* Adding/editing styles in the **general.css** and **bootstrap.min.css** file is forbidden;
* Usage of **JavaScript** is forbidden;
* Adding anything to **index.html** is forbidden;
* Adding **task/** and **example/** folders is forbidden. Do not push it to repository (only homework/ folder should be pushed);
* No requirements for browser support (should work properly in Google Chrome last version).

## **BEFORE SUBMIT**

* Read requirements and compare to your homework result;
* Format the code (remove unnecessary lines of code);
* Make sure your GitHub folder structure meets the required one (without **task** and **examples** folders);
* [Validate your CSS (https://jigsaw.w3.org/css-validator/](file:///C:\Front-End-Lab\Validate%20your%20CSS%20(https:\jigsaw.w3.org\css-validator\)).

## **SUBMIT**

* The **FL11\_HW2** folder should be uploaded to GitHub repository **“FL-11”** into **master** branch

## **USEFUL LINKS**

* <https://www.smashingmagazine.com/2007/07/css-specificity-things-you-should-know/>
* <https://dev.to/doppelmutzi/understand-how-css-styles-are-applied-to-html-elements-by-learning-the-fundamentals-precedence-specificity-cascade-de4>
* <http://specificity.keegan.st/>
* <https://vegibit.com/css-selectors-tutorial/>
* https://www.sitepoint.com/css-printer-friendly-pages/

1. To see **print preview mode**, open **index.html** file in a browser and press **ctrl+p** (or **cmd+P** for Mac). [↑](#footnote-ref-1)