SwissSkills 2022
Web Technologies

HTML / CSS Module

TASKS	POINTS
CSS Selectors	8 POINTS
Landing Page	4.5 POINTS

Task 1 - CSS Selectors

Select the **trash** that does not belong in the water. Use the file task.css 🗗 and only modify the selectors.

The tasks can be seen in the task.html 🗗 . `#task-0` is provided to you as an example.

General Information

Your working space is the folder `work/htmlcss/css-selectors/` .

> ⚠ You can only change files under `work/htmlcss/css-selectors/src/`. All other files will be reverted for the review process.

Rules

1. You are only allowed to use **1 selector per task**:
   - Allowed: `#task-1 .trash {}`
   - Not allowed: `#task-1 .bag, #task-1 .bottle {}`
2. The selector **must** begin with the task ID eg. `#task-1`
3. You are **not allowed** to edit the HTML.

4. You are **not allowed** to use the `data-target` attriubte for your selector.

5. You are **not allowed** to use any of the following selectors (with the exception of Task 10):

   - `:nth-child`

   - `:nth-last-child`

   - `:nth-of-type`

   - `:nth-last-of-type`

Available files

DESCRIPTION	FILE
HTML file: **don't edit this** but use it to see your tasks and if the your selectors are correct	src/task.html ↗
CSS file: you work here	src/task.css ↗
Unit tests to check if your selectors are correct	test.html ↗

Task 2 - Building a landing page

Your second task is to understand the existing resources and finish the work of creating the layout of several components that make up a landing page in pure HTML and CSS.

For this task, the designer has provided you some UI designs and specifications:

- Hero component
  - Desktop ↗
  - Mobile ↗
- Facts component
  - Desktop ↗
  - Mobile ↗
- People component
  - Desktop ↗
  - Mobile ↗
- Text component

- Desktop 1 ↗
- Desktop 2 ↗
- Mobile 1 ↗
- Mobile 2 ↗

Responsive

Every component should be styled mobile-first for at least two window sizes:

- Mobile (up to 768px)
- Desktop (starting at 768px)

Base Font stylings

ATTRIBUTE	STYLE
Family	Open Sans, sans-serif
Size	16px
Color	#333333

Special Typography stylings

ELEMENT	STYLE
hero h1	size: 32px (desktop: 56px), line height: 1.25em, weight: 800
hero p	size: 16px (desktop: 24px), line height: 1.5em
fact span 1	size: 56px, weight: 800, color: #E17D00
fact span 2	size: 24px, line height: 1.5em, weight: 800
h2	size: 32px, line height: 1.25em, weight: 800
h3	size: 20px, line height: 1.5em, weight: 800
text p	size: 16px, line height: 1.5em
text ul	size: 16px, line height: 1.5em

ELEMENT	STYLE
text a	size: 16px, weight: 600, color: #E17D00 (hover: #F0BE81), no underline

Additional requirements

For every component:

1. The background should span the full browser's width.

2. The content should have a maximum width of 1280px.

3. The content should never touch the browser window's edge. There should always be a horizontal space of at least 24px.

General:

1. The `.hero` has an image that is a background image on desktop that's blurred by 4px and has a vertical gradient overlay that goes from transparent to white.

2. The `.hero` is 100vh tall on mobile and 70vh tall on desktop.

3. The `.hero p` has a maximum width of 1024px.

4. The `.facts` component is stacked on mobile and horizontally aligned on desktop.

5. The `.fact :last-child` has a maximum width of 384px.

6. The `.people` component is scrollable on mobile with horizontal, mandatory scroll snapping that aligns at the start of every card.

7. The `.people` component is a grid with four columns on desktop.

8. The `.people` component has background color #FCF2E6.

9. The `.text` 's left side has 2/5 of the width of it's parent.

10. The `.text` 's right side has 3/5 of the width of it's parent.

11. The unordered lists in `.text` should have the following character as bullet points:

12. `.text a.button` should...

    - ...be rounded.

    - ...have horizontal padding of 24px and vertical padding of 8px.

    - ...have white text.

    - ...have background and border color #E17D00.

    - ...have a 2px solid border.

    - ...have a 20px wide, white arrow-SVG on the right side and 8px spacing between the text and the SVG.

    - ...have background color #F0BE81 on hover.

All required image assets are provided in `src/assets`

HTML and CSS files

Feel free to modify and extend the **CSS** code to your needs.

You can also extend the **HTML** code by adding new attributes or elements, but make sure you **don't delete** existing elements and attributes. Otherwise, the tests we will use for scoring may fail.

Use the HTML and CSS files provided in the `work/htmlcss/landingpage/src` folder. **Do not create or modify any files outside of this directory for this task.**

DESCRIPTION	FILE
HTML file	src/task.html ⧉
CSS file	src/task.css ⧉

> ⊙
> - The use of JavaScript is not allowed.
> - It must work in the provided version of Google Chrome.
> - You are not allowed to modify any files outside of `work/htmlcss/landingpage/src/` in any way

Scoring

For scoring, we will use automated End-to-End tests to verify that the functionality works as expected. You can also run the same tests that we will use to verify your score.

To run the tests, open a terminal and `cd` into the `work/htmlcss/landingpage` directory. Then, execute the following command in your terminal:

- `npm run start`
- wait for cypress to start (it might take a bit of time initially)
- select the desired `{component}.test.js`-testsuite
- a chrome window will open and the tests will run
- click the "Run all tests"-Button or reload the page to rerun the test
- select or hover over a test or assertion in the left sidebar to see the HTML at that specific point in time