



FE Coding Exercise

Firstly – thank you for participating in our coding exercise. As a developer at AREA 17 you would collaborate with a core project team and have the collective smarts and know-how of your teammates at your disposal. As you are tackling this exercise on your own we have provided some specifics to guide your code. If you have any questions, please email the hiring team and we'll be happy to answer.

The exercise will be focusing on markup, styling and interactions; feel free to use any tools to manage assets : stylesheets and scripts. Please refrain from using any styling frameworks like Foundation or Bootstrap. For the slider part, feel free to use plugins like Flickity or SwiperJS.

We've intentionally left much of this to be open-ended to learn more about your approach, how you implement code and how you think as a developer. If you don't have the time to polish it to perfection, tell us how you'd enhance it.

The exercise is designed to give you an opportunity to showcase your professional prowess—the skills, knowledge, and abilities that set you apart as a candidate. To be sure: there is no “correct” response. Rather, we want to get a first-hand look at your thinking and approach to the prompt and how you arrive at strategic solutions or recommendations; to get a feel for the “je ne sais quoi” you would bring to the team. To round out the exercise, we'll have you join us once again at AREA 17 where you'll present your work to a selection of 3-5 team members with a discussion to follow.

Please note this exercise is confidential and not to be shared with any other parties.

From a Grid to a Slider

Here is the link to the shared Figma file.
You should have rights to view the file only :

<https://www.figma.com/file/aVGOTtdUA2CmXHSFOJnCWd/Front-End-Excercise-2022>

In this exercise, we have given you 4 design variations for a section of a listing page. Please implement the responsive designs with pixel perfect fidelity to the designs.

The purpose of this exercise is to see how you take the designs and translate them into semantic markup and efficient stylesheets.

There are the 4 breakpoints defined this way :

- Small : 0 – 759px
- Medium : 760px – 1023px
- Large : 1024px – 1359px
- Xlarge : 1360px – ∞

Specifications :

- The grid turn into a slider on the smaller breakpoints (Small and Medium)
- Grid items must have links
- Layout need to be fully fluid between breakpoints
- For the font, you can use the following from Google Fonts:
 - Inter **<https://fonts.google.com/specimen/Inter>**
 - Don't worry about implementing FOUT
- For images you can find your own assets, or you can use a placeholder image service; for the src / srcset attribute of an img, call to the following url replacing the width and height of the image.
<https://placeholder.com/{WIDTH}x{HEIGHT}.jpg>
- For the slider arrow, you can use the following SVG exported from the figma file :

```
<svg width="20" height="20" viewBox="0 0 20 20" fill="none"
xmlns="http://www.w3.org/2000/svg">
<path d="M7 17L13.2798 11.5052C14.1905 10.7083 14.1905 9.29167
13.2798 8.49485L7 3" stroke="black" stroke-width="2"/>
</svg>
```