

Front-end developer exercise requirements

WHAT'S IN THIS DOCUMENT

Thank you for taking the time to complete this exercise.

In this document you can find the **requirements** for the exercise and all the **resources** you need. If you need more information, please don't hesitate to contact us.

TIMING

You can take **3 working days** to complete the exercise. For example, if you received this files on Monday at 5 pm, you should send us your work by Thursday at 5 pm.

WHAT TO ACHIEVE

You need to create a web page that **reproduces the layout** that we provided as image files.

The web page you create will need to be **responsive**, so:

- on **narrow screens** like on smartphones, follow the "layout - narrow" file
- on **wider screens** like computers or tablets, follow the "layout - wide" file

Both PSD (Adobe Photoshop) and PNG versions are provided for your convenience.

WHERE TO CODE

We request you to develop the exercise **as a Pen** on Codepen. Codepen is a smart **web-based editor** for simple web projects. It features instant preview, auto-completion, and it supports the most common CSS pre-processors or post-processors, Javascript transpilers, libraries, and it allows you to include external scripts if you need to.

Amongst the many features it supports there is [Emmet](#), which is worth taking a look since it can really speed you up in writing code.

If you need any further information on Codepen pens, read the **pen** section in its [documentation](#).

To start, [create a new Pen](#). No registration required.

NOTE ON CODEPEN'S HTML

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In CodePen, whatever you write in the HTML editor is what goes within the **<body>** tag in a [basic HTML5 template](#).

If you need markup in the **<head>** of the document, put that code in Settings → HTML → Stuff for <head>.

NOTE ON YOUR PEN'S TITLE

Please do not add any reference to YOOX NET-A-PORTER in the title or in the tags.

ASSETS - FONTS

The font used in the layout is Open Sans in its Regular and Bold variants. They are available for inclusion on [Google Fonts](#), or you can also use the following direct links:

- [Regular](#)
- [Bold](#)

ASSETS - LOGO

Here's the [YOOX NET-A-PORTER logo](#) in SVG format.

ASSETS - IMAGES

The image representing the man in the yellow jacket is provided in many sizes. Since all of them have the same aspect ratio, we indicate only the image width.

- [320 px wide](#)
- [412 px wide](#)
- [640 px wide](#)
- [750 px wide](#)
- [768 px wide](#)
- [824 px wide](#)
- [1024 px wide](#)
- [1536 px wide](#)
- [2048 px wide](#)

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ASSETS - COLORS

The colors used in the layout are:

- Color 1: #333333
- Color 2: #666666
- Color 3: #FFFFFF
- Plain background color: #F2F2F2
- Gradient background colors: #CCCCCC, #FFFFFF

STANDARDS COMPLIANCE

You may want to ensure that your markup is W3C compliant. Your page should validate against the online W3C checker.

BROWSERS

The page should be displayed and work correctly in the following web browsers:

- Apple Safari, both for iOS and computers
- Google Chrome, both for Android and computers

For the sake of simplicity of this exercise, it's NOT required to support other browsers.

"NEWS" SECTION

The news must be loaded asynchronously and upon the click on the numbered buttons (1 ... 5).

The first one must be loaded at page landing.

You must get the news content calling the posts API on jsonplaceholder.typicode.com:

- to get all the news at once, call <https://jsonplaceholder.typicode.com/posts/>
- to get a single one, call <https://jsonplaceholder.typicode.com/posts/{id}>, for example <https://jsonplaceholder.typicode.com/posts/1>

In order to have enough text for the news body, repeat the received body property 5 times.

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"SUBSCRIBE TO NEWSLETTER" SECTION

When the user presses the "subscribe" button, you must check that the entered value is a valid email address.

- if not valid, the native browser validation balloon must appear.
- if valid, replace the form with a message to confirm the user that its subscription to the newsletter

EXERCISE EVALUATION

Your exercise will be evaluated looking closely at your HTML, CSS and Javascript code, along with the final graphic result. Be sure to reproduce the layout with the highest fidelity, while writing good and organized code.

LIBRARIES USAGE

You are allowed to use any external libraries if you find yourself comfortable using them, or you can decide to write all the code from scratch. It's up to you, just do whatever is easier for you.

HOW TO SEND US YOUR WORK

Once you're finished coding and checking all the requirements are met:

- save your Pen
- export it as **GitHub Gist**
 - click the *Export* button in Codepen's footer
 - select *Save as Github Gist*
- copy the link to the generated Gist and send it to us

GOOD LUCK!