	Subject: Design of Web Interfaces	**Curs** 2019-20
	P5.1 - Bootstrap and SCSS	16/01/2020

1.- Introduction

In this practice, you are asked to build a new version of the home page of this website using **Bootstrap 4.3** and **SCSS** for desktop, iPad and mobile layouts

Here you have the captures for desktop, iPad and Mobile devices

The result must be as similar as possible to the original website

You must install BS using the packet manager `npm` and use Bootstrap Theming. In this repository you have an example of a possible configuration

The styles must be written in a file named **custom.scss** that when compiled must generate a **custom.css** file that must be linked into the .html file

> To correct this practice, I'll use **Chrome** → check the responsiveness using the options *Galaxy 5* and *iPad* (vertical & horizontal)

I recommend using the VSC extension that provides *intelliSense* and helps write Bootstrap classes faster → **available here**

2.- Requirements

SCSS

- Use **SCSS variables** to specify the colors of the page
- Use **nesting** i **parent node &** (It's not needed to use any other option of SCSS)
- Use **!important** to override the properties of the BS classes when it's needed

Body

- The main font family of the page is "Garamond"
- The color of the background is `#ced4da.` Use a bootstrap variable override to do it
- The contents of the website is separated approximately **16px** from the left edge of the document. Use a BS class to do it.

Grid

- Use Boostrap's **Grid** to create the structure of the web page and create the responsive (iPad and mobile) layouts of the page using **grid breakpoints**

Navigation Menu

1) The font family is "Oswald"
2) The text must be converted from lowercase to uppercase using a BS class
3) In the first 3 sections the color is `#b8c6ac`
4) The 3 last sections of the navigation menu must be **disabled** and color `#999baa`
5) While **hovering** the enabled sections, the color of the text changes to `#f9faff`
6) Create a 16px vertical separation with the lower block using a BS class
7) Home must be set as the **active** section using a BS class and text color `#e9e9e9`

Block "It's never easy..."

1) Image is 320px high in the desktop view

2) Text is centered vertically and horizontally using a BS class and some flexbox class that you can find here

3) "It's never easy... When it comes to family." is an **h1** and its size is 50% bigger than the document base size (use the most appropriate unit for BS)

4) The block has a white border and shadow (use BS class in both cases), background color is the same that the image's

5) Make the image fluid for responsive layout using BS tutorial

BLOC "The Manes"

- One heading is **h2** and the other is **h3**
- Create a **24px** separation from the upper section using a BS class

Cards

- The images:
  - Must be of the type Bootstrap *thumbnail* (remove the **padding** from this class)
  - Specify white border and shadow using BS classes
- The button **READ ME** must be of class `btn-primary`
  - Modify its background color using the map to override its predefined primary color
  - The color of the text is **white**
  - Specify some **padding,** a **black outline** and **shadow** with BS classes

3.- Utilities that you may need:

- [Appearance](#)
- [Cards in Bootstrap](#)
- [Create a simple nav](#)
- [Grid](#)
- [Responsive images in bootstrap](#)
- [Spacing in Bootstrap](#)

How to hand over this activity:

To hand over this exercise, follow these steps:

1) Create a <u>private repo</u> in a Github account and add the user **classicoman2** as a collaborator
2) In the Classroom Assignment, hand over only the url of the repo
3) Upload the exercise in the repo as you create and modify it, using *commit* and *push*

The repo must contain also the `custom.scss` file

Remember to put `/node_modules` inside .gitignore file to avoid loading the bootstrap files inside the repo