Tarea 16: Frameworks CSS

A CSS framework is a software framework that is meant to allow for easier, more standards-compliant web design using the Cascading Style Sheets language. Most of these frameworks contain at least a grid. More functional frameworks also come with more features and additional JavaScript based functions, but are mostly design oriented and unobtrusive. This differentiates these from functional and full JavaScript frameworks.

Two notable and widely used examples are Bootstrap and Foundation.

CSS frameworks offer different modules and tools:

- reset style sheet
- grid especially for responsive web design
- web typography
- set of icons in sprites or icon fonts
- styling for tooltips, buttons, elements of forms
- parts of graphical user interfaces like accordion, tabs, slideshow or modal windows (Lightbox)
- equalizer to create equal height content
- often used CSS helper classes (left, hide)

Bigger frameworks use a CSS interpreter like Less or Sass.

List of notable CSS frameworks [edit]

Grid systems [edit]

Name	Latest release (date)	License	Grid	Units	Features	No. of columns
Blueprint	1.0.1 (May 14, 2011)	MIT License			Typography, forms, print, plugins for buttons, tabs, and sprites.	
Bootstrap	4.2.1 (December 21, 2018)	MIT License (Apache License prior to 3.1.0)	fixed, fluid, responsive	px, %	Layout, typography, forms, buttons, navigation, media queries, .sass files, JavaScript libraries.	Any, default 12[1]
Wellcome CSS	3.2.1 (July 7, 2018)	FREE	Fully Responsive	px, %	Typography, text and font decoration, text color, text align, background color, grid xystem, navigation bar, button, box, title box, panel, message box, table structure, circle-radius, plugins, gradient generator, responsive images, image effects, hover effects, align, progress bar, breadcrumb, pagination, badges, tags, lists, forms, help class, flexible-box layout, slider, photo gallery, offset fix, closeable box, modal, accordion with plus and minus, tab, dropdown, mobile menu, and filters.	12 Grid [2]
Cascade Framework	1.5 (August 28, 2013)	MIT	fixed, elastic, fluid, responsive	px, %	Grid, layout, typography, forms, buttons, and media queries. (more included)	Any
Foundation	6.5.1 (November 15, 2018)	MIT License	fluid	px, %	Responsive layout, source ordering, typography, forms, buttons, navigation, media queries, and JavaScript libraries.	Any, default 12[3]
YAML	4.1.2 (July 28, 2013)	CC-BY 2.0	fixed, elastic, fluid	px, em, %	Layout, grids, columns, forms, buttons, progressive linearization for responsive layouts, float handling, navigation, typography, accessibility, and add-ons. (accessible tabs, RTL-support, and microformats)	Any
YUI CSS grids	3.18.1 (October 22, 2014)	BSD-3	fixed and fluid			
CSS Framework	1.1 (September 1, 2018)	MIT	fixed, fluid, responsive	px, rem, %	Layout, grid, buttons, typography, helpers, media queries, and navigation. (more included)	Any, default 12