

MDIA 2003 Project 1 | Assignment LAB-02A

HTML Structure

Due date Bring to class next week & post your GitHub or GitLab link to the assignment folder 1 day (24 hours) before class.

Deliverables & Hand-in Requirements **A** – HTML project based on a good foundation (consider the HTML5Boilerplate as a base)

B – Create your HTML structure in index.html

C – Project must be Git tracked

D – GitHub or GitLab repository

Bring your file(s) to class next time.

E – This is an individual assignment for

Description Your assignment is to define the semantic html structure and content tagging for the provided example web page mockup. **Only the sections outlined on the next page should be added to your html code. Any CSS or graphics should not be worked on or included yet**

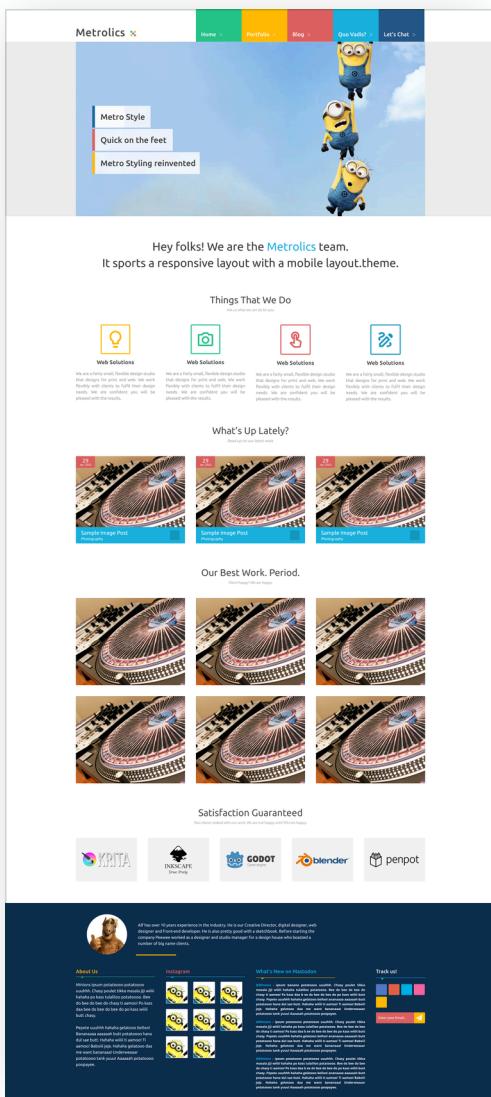
Aside from the base html tags, you must decide on class selectors to attach to the html structure.

Assets Access the Figma page mockup here:

<https://www.figma.com/design/>

[GAfh0fU Ct k3D6gmiozuSpQ/Metrolics-Mockup?node-id=2-2&t=pvBmIE3GQZqcp0Wh-1](https://www.figma.com/design/GAfh0fU Ct k3D6gmiozuSpQ/Metrolics-Mockup?node-id=2-2&t=pvBmIE3GQZqcp0Wh-1)

Project Brief HTML Requirements



- **include all major layout elements.**
- Think semantically.
- Consider DRY¹ (Don't Repeat Yourself), KISS (Keep It Simple Stupid!), OOCSS², and BEM³.
- Use HTML5 tags or plain DIV tags, or a combination. Up to you!
- **Include the content structure:** headings, text paragraphs, image tags, links, or details (such as the area below each blog entry: categories, comments, read more link).
- **but you must NOT include or create any imagery yet!** For image tags a simple placeholder graphic will suffice. (Use the one provided.) Icons should not be added yet either.
- **one or more classes MUST be defined** and assigned for ALL tags, even if semantic HTML5 tags are used!

Selectors Requirements

Attach class selector(s) to all tags. Consider BEM grounded methods (but feel free to come up with your own naming conventions).

Read up on BEM

<https://getbem.com/introduction/>

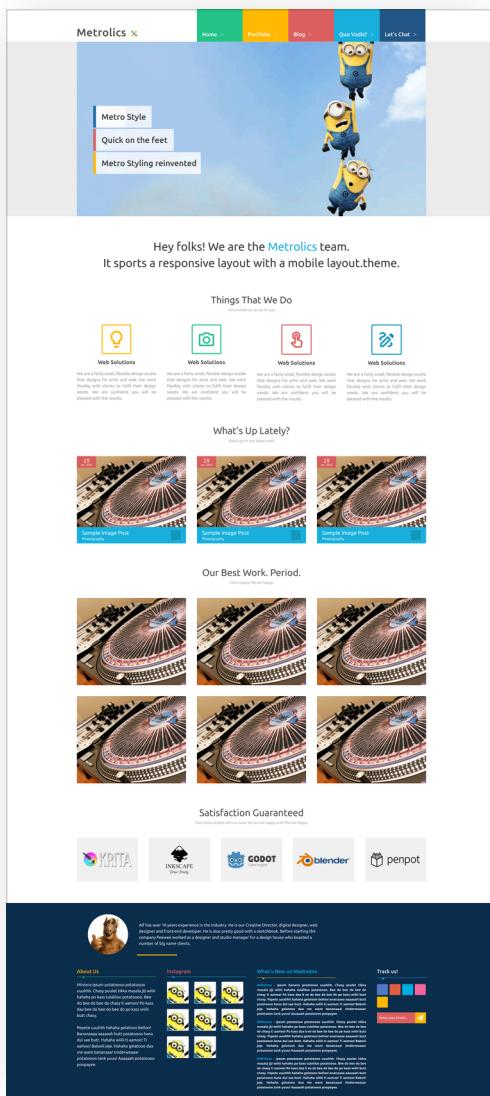
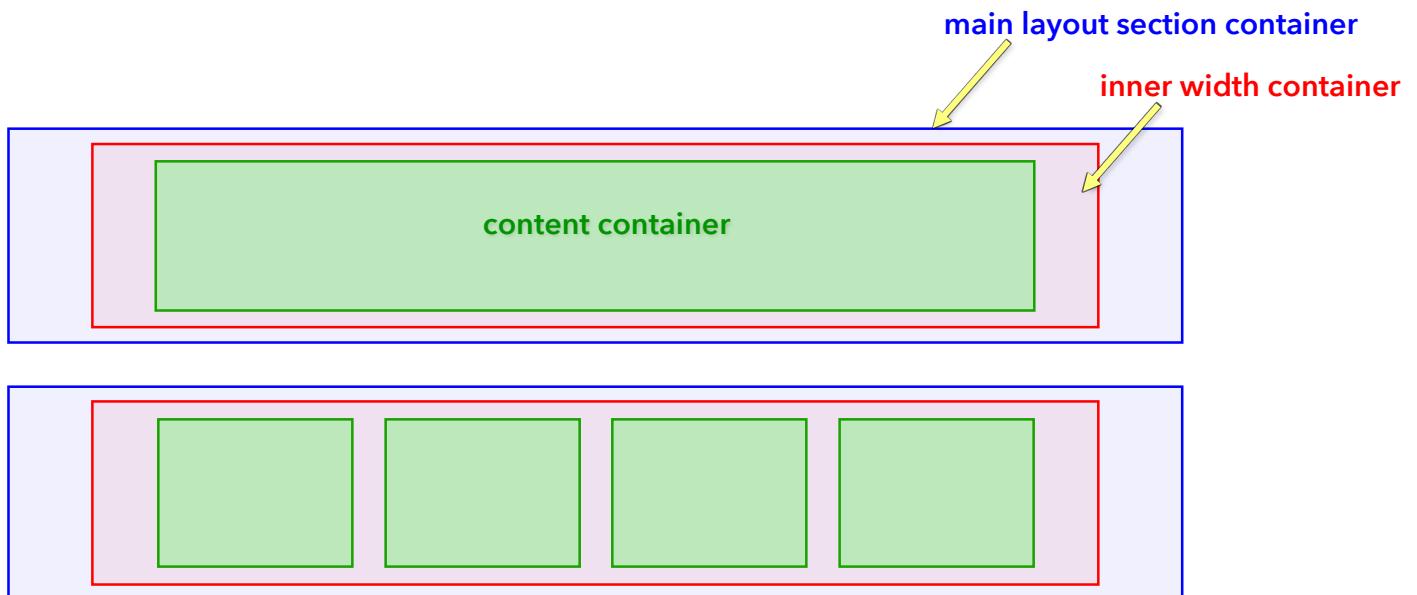
https://sparkbox.com/foundry/bem_by_example

¹ <https://vanseodesign.com/css/dry-principles/>

² <https://github.com/stubbornella/oocss/wiki>

³ <https://css-tricks.com/bem-101/>

HTML Structure



Hand-in Requirements

- base project folder with HTML EDITED ONLY (don't start work on CSS or JS yet!)
- index.html with base html structure code
- GitHub or GitLab hosted project
- Post remote repository information (link) to Learning Hub 24 hours before next class.

Bring your code with you next class.

The main layout HTML structure can be based on the 3-in-1 approach, which provides a simple yet flexible tag structure that lends itself well to CSS layout styling through either flexbox or CSS grid (or even the deprecated floating boxes approach).

Project Brief Git tracking

You must initialize git in your project before you begin coding.

- Do not forget about the `.gitignore` file and use the provided `.gitignore` template.
- Track changes logically.

As a minimum example you should create commits for:

- 1] meta and language page info;
- 2] major HTML layout structure (could be one or multiple commits);
- 3] assign classes to all tags (one or multiple commits);
- 4] defining the heading structure (h1 down to h6, if necessary).
- 5] commits for inserting/defining the content parts

It is not required to work in branches yet. Work in the main branch unless you prefer branches and know how to merge those.

Remote repository: GitHub or GitLab

Your local repository must be hosted on a remote repository.

If you are unsure how this is achieved, refer to the tutorial on Learning Hub in week 02.

Rubric

HTML	Main layout structure tags defined	15
	Heading structure defined for all content (h1 – h6)	10
	1 or more classes defined for all tags (avoid tags without assigned classes)	20
	content structure defined	15
	Title tag, language attribute, and misc meta tags assigned values	10
Git	Github or Gitlab remote repository link	10
	Logical commit history: keep track of edits. Minimum requirements example commits: meta info, html structure tags, classes, headings, content parts, or similar logical managed commit history.	20
	Bonus	?
	Grand total assignment	100