Responsive

**DEADLINE:** 03/02/2019

## FOLDER STRUCTURE

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| --- | --- |
| FLX\_homework\_5/\*     └─ task/      └─ FLX\_homework\_5.docx  └─ homework/\*     └─ assets/\*      └─ images…\*     └─ src/\*  └─ index.html\*  └─ styles.css\* | \* ­­­- required |

## TASK

Have you ever thought about the question of how your web page should look on mobile devices or screens with a small resolution? How does the browser know what to do with the element, in case of a lack of space on the screen? Is it magic? ~~Yes.~~

In this homework, you should create a web page and provide styles for specific screen resolutions.

In the FLX\_homework\_5/examples/ folder, you will find examples of the page you need to create. For instance, the FLX\_homework\_5/examples/mobile.png image shows how the page should look on the screen with a small resolution, and FLX\_homework\_5/examples/desktop.png image for a large screen respectively.

The @media query breakpoints that are used in the example (desktop first):

* max-width: 768px (FLX\_homework\_5/examples/tablet.png)
* max-width: 480px (FLX\_homework\_5/examples/mobile.png)

All colors already declared in the FLX\_homework\_5/homework/src/styles.css file.

**Requirements:**

The header menu items

* Should be accessible via tabulation

The posts

* The even elements should have description on the left and preview image on the right
* The odd elements should have description on the right and preview image on the left (reverse)

Please note! This logic should not be ‘hardcoded’ in HTML or CSS. In case we need to add a new post, then the last added item should be shown reversed regarding the previous one.

* Hover effect for images create by filter css

Use HTML and CSS only.

## FAQ

* Pixel perfect is not required
* You can use mobile first or desktop first approach. It’s up to you
* Use only one .css file. Don’t need to split it.

## RESTRICTIONS

* Don’t use SASS (SCSS)
* Don’t use any 3rd party tools or libs (e.g. Bootstrap)

## BEFORE SUBMIT

* Verify that all functionality is implemented according to requirements
* Format your code (remove redundant spaces, lines of code etc.)
* Add comments if necessary
* Validate in <https://validator.w3.org/> and <https://jigsaw.w3.org/css-validator/>

## SUBMIT

* The folder should be uploaded to github repository **‘FLX’** into **master** branch

## USEFUL LINKS

* <https://developer.mozilla.org/en-US/docs/Web/CSS/position>
* <https://developer.mozilla.org/en-US/docs/Web/CSS/@media>
* <https://developer.mozilla.org/en-US/docs/Web/CSS/var>
* <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>
* <https://css-tricks.com/snippets/css/complete-guide-grid/>