Responsive

**DEADLINE:** 14/08/2018

## FOLDER STRUCTURE

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| --- | --- |
| FE\_9\_5\_homework\_responsive/\*  └─ examples/      └─ large.png      └─ medium.png      └─ small.png  └─ responsive-in-action.mov     └─ task/      └─ FE\_9\_5\_homework\_responsive.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 FE\_9\_5\_homework\_responsive/examples/ folder, you will find examples of the page you need to create. For instance, the FE\_9\_5\_homework\_responsive/examples/small.png image shows how the page should look on the screen with a small resolution, and FE\_9\_5\_homework\_responsive/ examples/large.png image for a large screen respectively.

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

* max-width: 991px (FE\_9\_5\_homework\_responsive/examples/medium.png)
* max-width: 575px (FE\_9\_5\_homework\_responsive/examples/small.png)

All colors already declared in the FE\_9\_5\_homework\_responsive/homework/src/styles.css file.

**Requirements:**

The header menu items

* Should be accessible via tabulation

The ‘Up’ button

* Should be accessible via tabulation
* Appears only on the screen with the small resolution (the smallest)
* Has shadows (look at the template, or the video)
* On click, should navigate to the top of the screen (It can be implemented without JavaScript)

The thumbnails (Facts about the Moon)

* The odd elements should have description on the left and preview image on the right
* The even 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 fact about the Moon, then the last added item should be shown reversed regarding the previous one.

* The title of the thumbnail should have a gradient as shown on the image (except the small resolution)

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
* Yes, the design for the smallest resolution (small.png) is light.
* 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

## SUBMIT

* The folder should be uploaded to github repository **‘fl-9’** 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/>