

TASK

Create a public repository and use GitHub Pages <https://pages.github.com/> to showcase your work.

1. Create a responsive website consisting of two parts (see graphic below).

- a) A header area containing a headline & a description element. Both elements should be on the same DOM-tree-level. The description should be shown in a 1-column layout on small viewports & change into a 2-column layout later (breakpoint is up to you). The headline always covers the whole width of the window.
- b) A Pinterest-style layout with pure CSS, no javascript(). The boxes must be of varying height.

General requirements:

1. The layout has to work in Safari, Chrome & Firefox (newest versions), if something is not possible in one of the browsers, please provide a short explanation.
2. Please make use of general best practices.
3. Do not use any CSS frameworks like Bootstrap
4. Bonus: Use LESS or SCSS.

2. Create a second website where the Pinterest-style layout is built using javascript by calculating absolute positions.

General requirements:

1. No libraries except jQuery.
2. Bonus: Rearranging items on window resize.

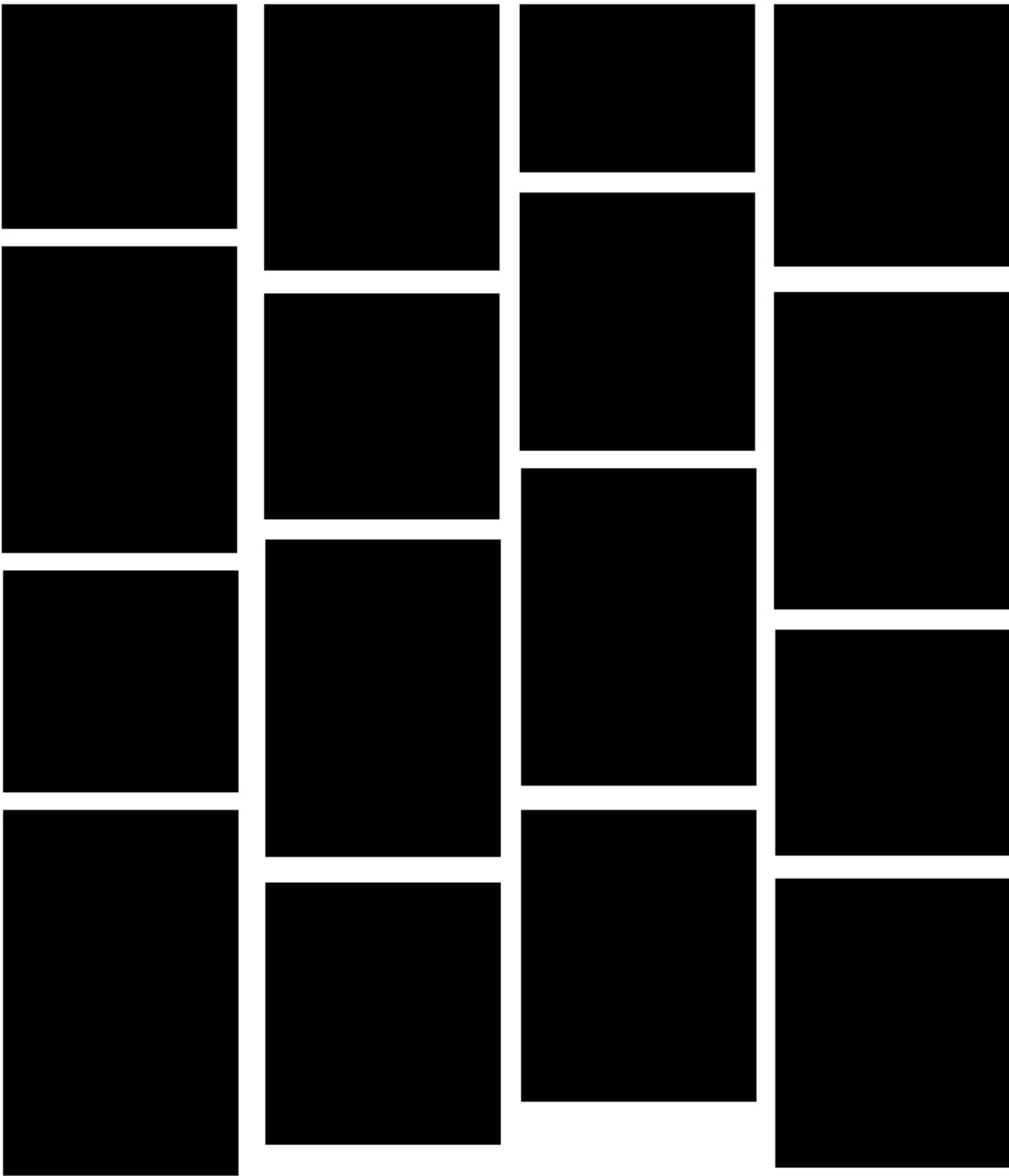
Headline

a)

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing

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b)



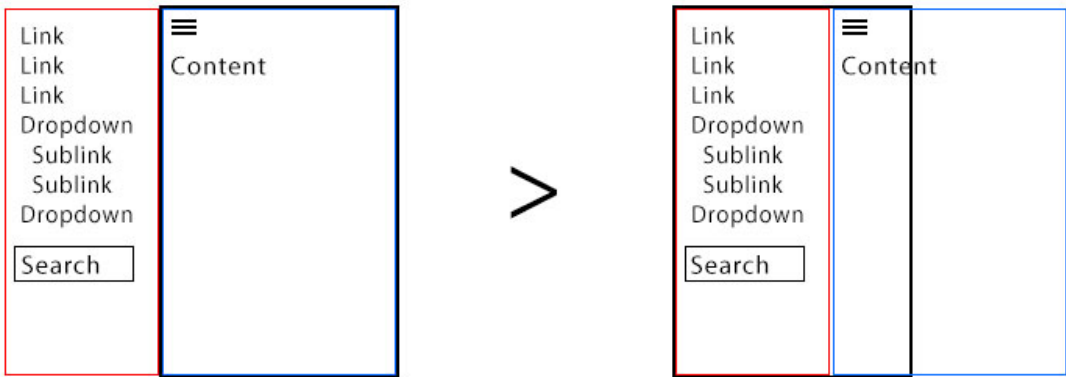
3. Add a navigation with 5 elements and a searchbar to your current project. The 4. & 5. navigation list elements have a sublist of elements.

- a. On mobile: The navigation is sliding out from the side and “pushes away” the main content area. The sublists slide down on click underneath the mother element. Only one sublist is visible at a time.
- b. On desktop: The navigation moves to the top of the website and is fixed. On hover the sublist elements fade in as a dropdown overlying the main content. The searchbar fills out the available space, use flexbox for that.

General requirements:

1. Only use JS for triggering classes on click events. Use CSS for your animations & everything else.
2. Do not use any CSS frameworks like Bootstrap
3. Mobile & desktop navigation use the same codebase.
4. Add a fallback for browsers that do not support flexbox.

Mobile



Desktop

