

In this exercise we will recap a little about positioning, index, box model and overflow. But we will also give an outlook to responsive design (not yet perfect though) for those who can't wait and are eager to learn.

1. First, work through the codecademy course on display and positioning:

<https://www.codecademy.com/courses/learn-css/lessons/css-display-positioning/exercises/review-css-display-positioning>

don't rush it (or even worse check the solutions) and carefully read the explanations and consider what effects your changes have on the layout of the example page.

2. Second, work through the following exercises on w3schools. Again, be advised to refrain from checking the solutions and rushing through the examples.

<https://www.w3schools.com/css/exercise.asp>

Display/Visibility

Positioning

Overflow

Z-Index

Box-Model

3. This one please hand in and/or upload to your webspace to speed up the review process 😊  
We will make use of inline block and float to create a page (content of your choice) that roughly looks like the image below. We will see better solutions in the upcoming theory lessons, trying it this way we can later appreciate the better solutions. Colors are up to you, content is up to you, what is not allowed is doing it by making use of tables. Furthermore the page must not cause any warnings/errors neither when checked with <https://validator.w3.org/> nor when doing so with <https://jigsaw.w3.org/css-validator/> (this will be mandatory for everything you hand in henceforth).

new Concept ::after

to clean layout, it is very handy to put something after certain elements (this is commonly known as clearfix). It can be achieved by the ::after creating a pseudo-element as the last child of an selected element. Read more about it here: <https://developer.mozilla.org/en-US/docs/Web/CSS/::after>.

Example Usage:

```
.clearfix::after {  
  content: "";  
  clear: both;  
  display: table;  
}
```

repetition, border box:


use that to make sure padding are calculated into the size, read again here

<https://developer.mozilla.org/en-US/docs/Web/CSS/box-sizing>

```
* { box-sizing: border-box; }
```

### There are better ways to do that - we will learn about that soon

we want to have 3 columns with the same size, holding content that could be text, images or content that is split up in even smaller parts.

Header			
	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum</p>	<p><b>Lorem</b> ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum</p>	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum</p>
a list	with some	items	e.g. the author or impressum