IMY 220
Practical 1:
CSS + Bootstrap

Due: Friday 5 August @ 9:30

The submission instructions are available on ClickUP. Any deviation from these instructions will cause a 10% deduction from your mark.

Instructions

- Use CSS and Bootstrap to make webpage content responsive and add simple styling.
- The screenshots provided will show you what the results must look like (including the different screen sizes that you need to cater for).
- Download *index.html* from ClickUP. You are not allowed to remove any code from this file, although you will need to write additional HTML.
- Include the newest CDN version of Bootstrap. You can find the CDN on their website.
- You will also need to write additional CSS, which must be contained inside a separate file called *style.css*. The instructions for the CSS portion of prac is listed below.

Part 1

Index.html contains a section-element with two divs. Inside of the two divs there are three and four child-divs respectively. The goal of this prac is for you to use the Bootstrap grid system to scale these divs based on the width of the screen and to give this responsive grid some basic styling.

Row 1 (div with id r1)

- On screens **≥ 1200px** each column should be a third of the row.
- On screens **≥ 768px** and **< 992px** the first and second column should be a quarter of the width of the row. There should be a space between the first and second column with the size of 2 quarters of the width of the row. The third column should be on a new line and space between this column and column two should be a quarter width of the row
- On screens **≥ 576px** and **< 768px** the first column should be a third of the width of the row and the second column should be a sixth of the width of the row and there should be a space between the column that is a quarter the width of the row.
- On screens **< 576px** the first, second and third columns should be half of the width of the row. The second column should have a space of half the width of the row between itself and its predecessor column.

Row 2 (div with id r2)

- On screens **≥ 1200px** the first and last column should be a third of the width of the row and the remaining columns should be spread equally between them.
- On screens **≥ 768px** and **< 992px** all the columns should be the same size with a width that represents a quarter of the width of the row. There should also be a space of the same size between the columns and the third and fourth column should be on a new line.

- On screens **≥ 576px** and **< 768px** the first 3 columns should be a sixth of the width of the row and the last column should be a third of the width of the row and there should be a space between the columns that is the same the width as the last column.
- On screens **< 576px** all the columns should be the same size, which is a twelfth of the width of the row. There should be a space with the width of a third of the row between the first and second column and the third and fourth column.

CSS specific instructions

(This code needs to be written in a separate file called *style.css*)

- Create two custom CSS properties (CSS variables) with a light blue and pink colour value respectively.
- Use a substring matching attribute selector to select all column values (with id col) and set the border to be the light blue colour variable that you created, and it should have a border width of 3px. These selected elements should also have a border radius of 20px.
- Use a substring matching attribute selector to select all row values (with id row) and set the margin to be 5px.
- Lastly, use a pseudo-class to select the even children of the column class (*hint:* you can use substring matching for the attribute selection once again) and set the border colour to be the variable with the pink value.
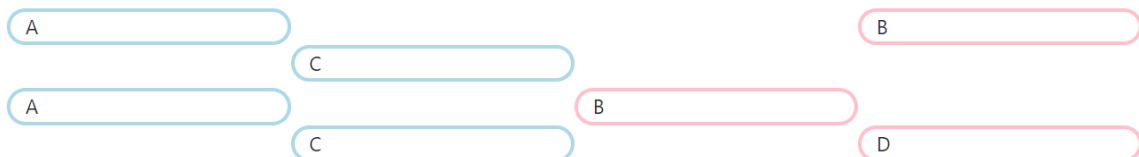
Below are screenshots of what the specific screen sizes will look like:

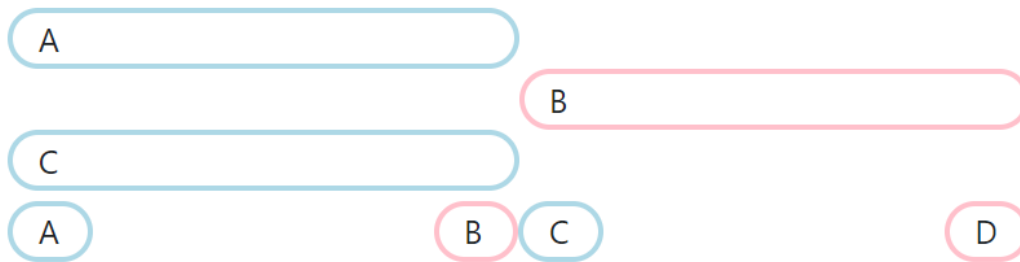(top row is the row with id r1 and the bottom row the row with id r2)

≥ 1200px

A	B	C

A	B	C	D

≥ 768px and < 992px

A		B
	C	

A	B	
	C	D

≥ 576px and < 768px

A	B		C

A	B	C	D

< 576px

Additional Information

- Refer to the slides as well as the Bootstrap website (http://getbootstrap.com/) for help

Submit only the following file(s) according to the submission instructions.

- *index.html*
- *style.css*