

IMY 220

Assignment 1:

CSS + Bootstrap

Due: Wednesday 10 August @ 13:00

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.
- The screenshots provided will show you what the results must look like (including for different screen sizes).
- Download *index.html* from ClickUP, which contains the HTML for two forms. You are not allowed to remove any code from this file; however, you will have to add extra HTML.
- Include the newest version of **Bootstrap using the CDN version**. You will only use the CSS for this practical (and you don't need to include both CDN and local as a fallback). You will also need to include **Font Awesome** for this assignment, for which you must also include the CDN version.
- You will also need to write **your own CSS** for this assignment, which you must do in a separate file called **style.css**.

Forms

You must use the forms from *index.html* to create a well-aligned, responsive login- and registration-form. This has to be done as follows:

- **Nest each form (the Login and Registration form separately) inside its own Bootstrap card**. Give each card an **appropriate heading**.
- (From this point onward in the specification, you may assume that, when referring to the form, the card is to be included.)
- Create a Bootstrap **row inside the forms-section** (<section id="forms">) that contains two **columns** for the Login and Registration form respectively (i.e. for the cards that contain them). The columns need to **fill half the row each on screens $\geq 576\text{px}$** and **fill the entire row each on screens $< 576\text{px}$** .
- When the forms are stacked **underneath one another, there should be a margin between them**. However, when they are **displayed next to each other, there should be no margin above or below them**. You must use Bootstrap's spacing classes to accomplish this.
- Inside each form, each form-element, i.e. input box, should **fill half the form on screens $\geq 992\text{px}$** and **fill the width of the form on screens $< 992\text{px}$** . You should also use Bootstrap rows for this, which will require you to **add extra HTML**.
- Add the necessary Bootstrap classes to **make use of Bootstrap's form styling for input elements** and **add the necessary class to style the button dark**, as indicated below.
- Include two fonts using **Google Fonts**: one for the **card-heading** and one for the **card-body**. Choose any two fonts that are appropriate and easily readable and set the card-heading and

card-body to use the two fonts. See the following webpage on how to include Google Fonts:

https://developers.google.com/fonts/docs/getting_started

- Next to the buttons, include a **right-arrow (arrow-right) icon using Font Awesome**. There should be a **small distance between the text and the icon**.
- If the screen is $\geq 992\text{px}$, hovering over the button should cause the icon to **move further away** from the button (to the right) and to **rotate** so that the angle is facing down (see screenshots below). This should change over a period of 0.5 seconds. If the screen is $< 992\text{px}$, hovering over the **button should not do anything**. The rotation must be done using CSS3 transforms:

<https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function>

$\geq 992\text{px}$

Login

Email Address:

Password:

Login →

Register

First Name:

Last Name:

Email Address:

Date of Birth:

Create Password:

Confirm Password:

Register →

$< 992\text{px}$ and $\geq 576\text{px}$

Login

Email Address:

Password:

Login →

Register

First Name:

Last Name:

Email Address:

Date of Birth:

Create Password:

Confirm Password:

Register →

< 576px

Login

Email Address:

Password:

Login →

Register

First Name:

Last Name:

Email Address:

Date of Birth:

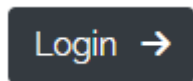


Create Password:

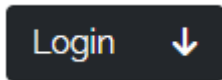
Confirm Password:

Register →

Normal state



When hovering over button



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*