

# Homework #1

**Points:** 10

**Deadlines:**

**Group 1 and Group 2:** 2 October 2022, 23:59

**Group 3 and Group 4:** 4 October 2022, 23:59

**Group 5 and Group 6:** 5 October 2022, 23:59

The main aim of this homework is to assess your capabilities to create useful HTML documents and style them using CSS.

## Homework setup:

1. Create a new repository on GitHub and add your teammates to it as collaborators.

## Tasks

1. Create 3 **HTML pages**: **index.html**, **addPost.html**, and **login.html**
  - Try to match the content of each page to the provided Figures 1, 2, and 3.

**Note:** It is not required to replicate them 100%, the most important is to include the mentioned elements

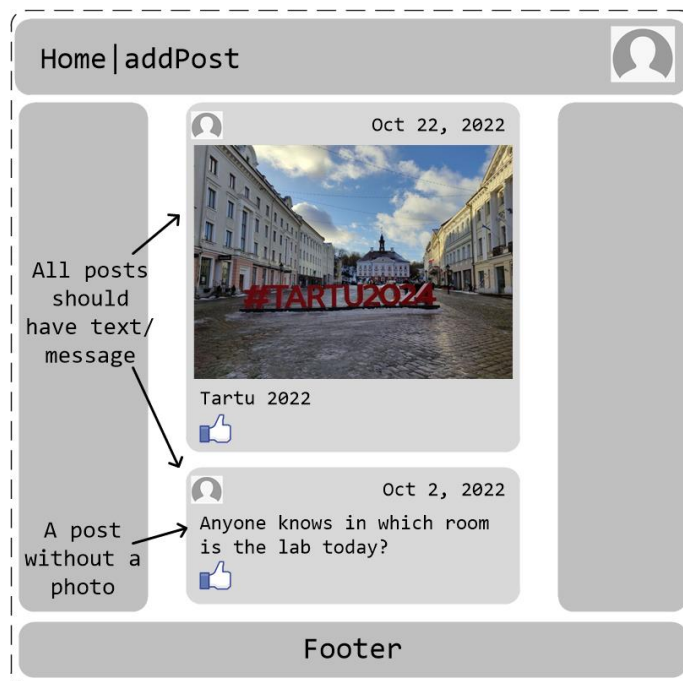



Figure 1. index.html

Home



Post body

textarea

Select file

Choose File

Create post

Figure 2 addPost.html

Home



Welcome to PostIt

[Create an account](#)

or

Please log in

Email

Password

Log in

[Forget password](#)

Figure 3 Login.html

2. While designing your pages, **implementing the following is required:**
  - Home and Add Post in the navigation bar should change **their background color** when you hover over them **[0.5 point]**, and pressing on any of them should direct you to the corresponding HTML page. **[0.5 point]**
  - For the **index.html** page, it should contain at least 5 different posts. **[1 point]**
  - For the **addPage.html** and **login.html** pages, they should contain the elements shown in **Figures 2** and **3**, and **pressing** on **login** and **add post** buttons should redirect to the index.html page. **[2 point]**
  - A user should not be allowed to submit the login form content, if she/he did not fill in both fields (e.g., Email and Username). **[0.5 point]**
3. While styling your pages, using the following rules **is required ( -0.5 point for each missing rule)**. **[3.5 points]**
  - Use at least 2 different class selectors
  - Use an ID selector
  - Use a pseudo-element OR pseudo-class
  - Use a Descendant Selector (e.g., div p)
  - Use a Child Selector (e.g., div > p)
  - Use an Adjacent Sibling Selector (e.g., div + p)
  - Use a General Sibling Selector (e.g., div ~ p)
4. Use **flexbox** to arrange the layout of your pages to fit both a **screen** and a **cellphone**. **[2 point]** **Note:** use the toggle device toolbar to see how the pages look on a screen and on a cellphone.
5. Do not forget **to push all your changes to your repository**.
  - At least one “commit” from every team member.

## Rules for homework submission and discussion

1. Through Moodle, submit a text file (\*.txt) that contains your **Team number**, Name(s), student ID(s), and a **valid and accessible link to the repository** that contains your **homework**.  
**Note:** if the **link** to your **repository** is **not accessible** or **valid** for any reason, you might not be allowed to discuss your homework or at least you will lose **5 points**.
2. You are **not allowed** to share the link to your repository with anyone **except your lab teacher**. You can do that by sending him a **direct message** in **Slack** that contains the **team number**, name(s) and a **valid and accessible link to the repository**.
3. **All team members should attend the discussion** of their homework; you **will not be allowed to discuss** if your team **is not complete**. If you already know that your team will not be complete because one or more of the members cannot attend due to another commitment, **contact me** as soon as possible and we can find a solution.
4. You have to submit your homework by the defined deadline, and **you will lose 0.5 point for each hour of delay**.

**The previous rules will be strictly enforced and there will be no exceptions.**