

# BTH645- Lab 1 [15 marks]

Due: Monday Feb 1, 2021 @ 23:59

## Objectives:

- Create a portfolio website to host all the tasks for this semester
- Discuss and apply the consideration of web usability

## Description:

You are going to create a portfolio website on the matrix account for the course, which is **NOT** your original matrix account.

This course account login is available on

Blackboard -> tools -> myGrade->**UserId:Password SSH**

**host:** matrix.senecacollege.ca

**UserId:** your course account login (e.g., bth645\_211a01)

**Password:** the password for this course account, the part after the “:”, not your other existing passwords

Web browser: \_

[https://matrix.senecacollege.ca/~bth645\\_211a01/](https://matrix.senecacollege.ca/~bth645_211a01/)

username: bth645\_211a01

Password:...as on blackboard (Note: is the password after colon (: ) on blackboard, NOT the password for your original matrix account)

The main purpose of this portfolio website is to host/present/submit your work for BTH645 in winter 2021. The website will be built up gradually with the accomplishments of labs and assignments through the whole semester.

## Requirements:

1. For lab 1, design and construct a portfolio website to support the presentation/ submission of 3 assignments and 6 labs. More contents (e.g., labs and assignments) will be added with the course proceeds (e.g., add the content of lab 2 when we work on lab2).
2. The structure should be implemented (and will be evaluated) with the consideration of “web usability”. For example, the user can navigate from lab 5 to assignment 1 and any other work with one or two clicks, rather than go back to home page and start from there.
3. The structure (e.g., the text of “lab2”, “assignment 1” etc.) should be visible in the portfolio website in lab 1. However, if user clicks the text (e.g., lab2), it cannot be a broken link. You could create the link to itself using something like: <a href= “#”...>

4. This portfolio website would be your homepage from:  
[https://matrix.senecacollege.ca/~bth645\\_211a01/](https://matrix.senecacollege.ca/~bth645_211a01/)

This will be the entry point for your work. Your account may be different such as bth645\_211a02. Also that's how I am going to see your work. Please check and make sure it runs as expected when you submit your work.

Note: no requirements about the technologies to create the site. For example, you can use Bootstrap or basic HTML/CSS, or others tools/framework you feel appropriate.

5. On the home page or an easy-to-spot link, discuss the web usability (at least 10 points) you have considered and implemented when you create your portfolio website. This could be same or different from your research from the in-class discussion.

6. Include student oath (below) on your homepage.

I declare that this is wholly my own work in accordance with Seneca Academic Policy. No part of this work has been copied manually or electronically from any other source (including web sites) or distributed to other students.

Name           Your name          

Student ID           Your student ID          

7. On **the bottom of the home page**, show the timestamp, e.g.

**This page was last modified on 1/18/2021, 11:58:11 PM**

## Evaluation:

- |   |                   |
|---|-------------------|
| 1. Discussion on web usability (10 points).                                       | <b>[10 marks]</b> |
| 2. Portfolio structure suitable for presenting the course work as described above | <b>[1 marks]</b>  |
| 3. No broken links or errors.   | <b>[1 mark]</b>   |
| 4. Include the student oath (below)   | <b>[1 mark]</b>   |
| 5. show timestamp   | <b>[1 mark]</b>   |
| 6. Enough content and effort, overall appearance, organization and presentation.  | <b>[1 mark]</b>   |

## Submission:

You do not need to explicitly submit. Just work on it and make the portfolio website available (e.g., [https://matrix.senecacollege.ca/~bth645\\_211a01/](https://matrix.senecacollege.ca/~bth645_211a01/)) when it's ready. I will check after the due date.

## Academic Policy:

Seneca's Academic Policy will be strictly enforced.

<http://www.senecacollege.ca/academic-policy/index.html>