

# COMP1710/COMP6780: Laboratory 4

## MOOC Week 5

### 1. Objectives

This lab aims to familiarise you with formatting tables and forms using CSS. You will also update your files on partch.

### 2. CSS Tasks: Source log & Forms

#### 2.1 Preparation

1. We are going to reuse the folder and files we created in lab 3 ("COMP1710\_Lab3"), especially sourcelog.html and feedback.html, or feel free to create a folder called "COMP1710\_Lab4 and copy all the files in COMP1710\_Lab3 across.
2. In the lab folder, create a folder and name it as "CSS".

#### 2.2 Format source log table

1. On your favourite text editor, create a new file and save it to the CSS folder as "sourcelog.css".
2. Open the "sourcelog.html" we developed in Lab 3 using your text editor and link the html file to sourcelog.css.
3. Use your text editor to edit the "sourcelog.html" and "sourcelog.css" so that:
  - a. the source log table is put 50px below the heading of "Source Log"
  - b. the source log table has an italic, blue caption with a font size of 13px
  - c. the table has a single line blue border that is 2px wide
  - d. the table is as wide as 80% of the window size
  - e. the texts in the table are left-aligned
  - f. the texts in the table are 10px away from the border
  - g. the background colour of the table header is blue (feel free to also change the text colour of the table header)
  - h. (optional) the table will highlight the table row when we move the mouse over it
  - i. (optional) the table will display a horizontal scroll bar if the window screen is too narrow to display the whole table
4. Save the files and open sourcelog.html in your web browser to view the effect of your revised HTML and CSS. It may look similar to the following picture.

**Source Log**

Resources Used to Create This Website		
Original	Type	How Altered or Justification
<a href="#">The first image on image.html</a>	Graphic	Resized picture to make it smaller
<a href="#">The second image on image.html</a>	Graphic	Resized picture to make it smaller. Applied a grayscale filter.

#### 2.3 Format feedback form

1. On your favourite text editor, create a new file and save it to the CSS folder as "feedback.css".
2. Open the "feedback.html" we developed in Lab 3 using your text editor and link the html file to feedback.css.
3. Use your text editor to edit the "feedback.html" and "feedback.css" so that:
  - a. the feedback form has a background colour

- b. the feedback form has a solid lightblue border with rounded corners
  - c. all the labels are in bold (feel free to also adjust the font size)
  - d. all the text boxes and/or areas in the feedback form contain a short hint that describes the expected value
  - e. all the input boxes and areas are equally wide
  - f. there are some spaces between each input of the form
  - g. there are some spaces inside each text field
  - h. the submit button has a lightblue background colour (feel free to also change the text colour of the submit button)
  - i. the clear button has a different background colour (feel free to also change the text colour of the clear button)
  - j. (optional) the background colour of the buttons will be changed when a mouse moves over them
  - k. (optional) if you move your mouse to the buttons, the cursor will be changed into a hand
4. Save the file and open it in your web browser to view the effect of your revised HTML and CSS. It may look similar to the following picture.

**Feedback Form**

**Your name:**  
Your name is ...

**Your email address**  
Your email is ...

**Your gender**  
☐ Male ☐ Female ☐ Other ☐ I prefer not to say

**Please fill in your feedback below**  
 Please type your feedback here...

Clear Send it

### 3. HTML Tasks: Site map

#### 3.1 Create a site map

1. On your favourite text editor, create a new file and save it to as “sitemap.html”.
2. In the sitemap.html, please list out all the pages in your website. Please make sure all the links are clickable and accessible. One example of a site map would be <https://www.apple.com/au/sitemap/>
3. Feel free to format sitemap.html so that it has a similar design to other pages.

### 4. Validation

#### 4.1 Validate your HTML and CSS file

1. Submit your HTML files to [W3C HTML validation service](https://validator.w3.org/) and understand the errors that are returned.
2. Submit your CSS files to [W3C CSS validation service](https://jigsaw.w3.org/css-validator/) and understand the errors that are returned.

### 5. Edit your assignment.html

1. Download “assignment.html” from Wattle and save it to the lab folder. (Feel free to reuse the assignment.html you edited in lab 3)
2. Open “assignment.html” with your text editor to fulfill the following requirements:
  - a. Insert two relative links in section 1.3 which go to the sourcelog.css and feedback.css
  - b. Insert a relative link in section 1.5 which goes to the sourcelog.html

- c. Insert a relative link in section 1.6 which goes to the feedback.html
  - d. Insert a relative link in section 1.4 which goes to the sitemap.html
  - e. Put in some comments in section 1.3, 1.5 and 1.6 if desired.
3. Save the file and open it in your web browser to see if you can click on each link on your assignment.html file.

## **6. Upload your website to partch**

1. Follow the steps documented in the COMP1710 2022 Submission Guide to upload all the files to the public\_html folder in partch, which include:
  - a. sourcelog.html
  - b. feedback.html
  - c. sourcelog.css
  - d. feedback.css
2. Use your web browser to access the uploaded assignment.html under your Partch account (e.g. by opening <http://partch.anu.edu.au.virtual.anu.edu.au/~uid/assignment.html>) and see if all the links are clickable
3. Use your web browser to assess the uploaded sourcelog.css and feedback.css under your Partch account
4. Use your web browser to access the uploaded sourcelog.html under your Partch account
5. Use your web browser to access the uploaded feedback.html under your Partch account