

COMP3322 Modern Technologies on World Wide Web

Assignment Two

Total 7 points

Deadline: 17:00 March 3, 2023

Overview

You are going to practice CSS styling to transform a plain-text poem to a beautifully typeset poem.

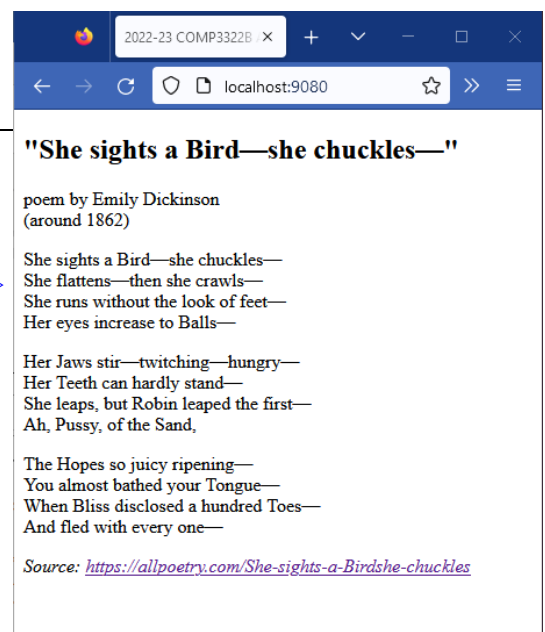
Objectives

1. A learning activity to support ILO 1 and ILO 2.
2. To practice using CSS styling.

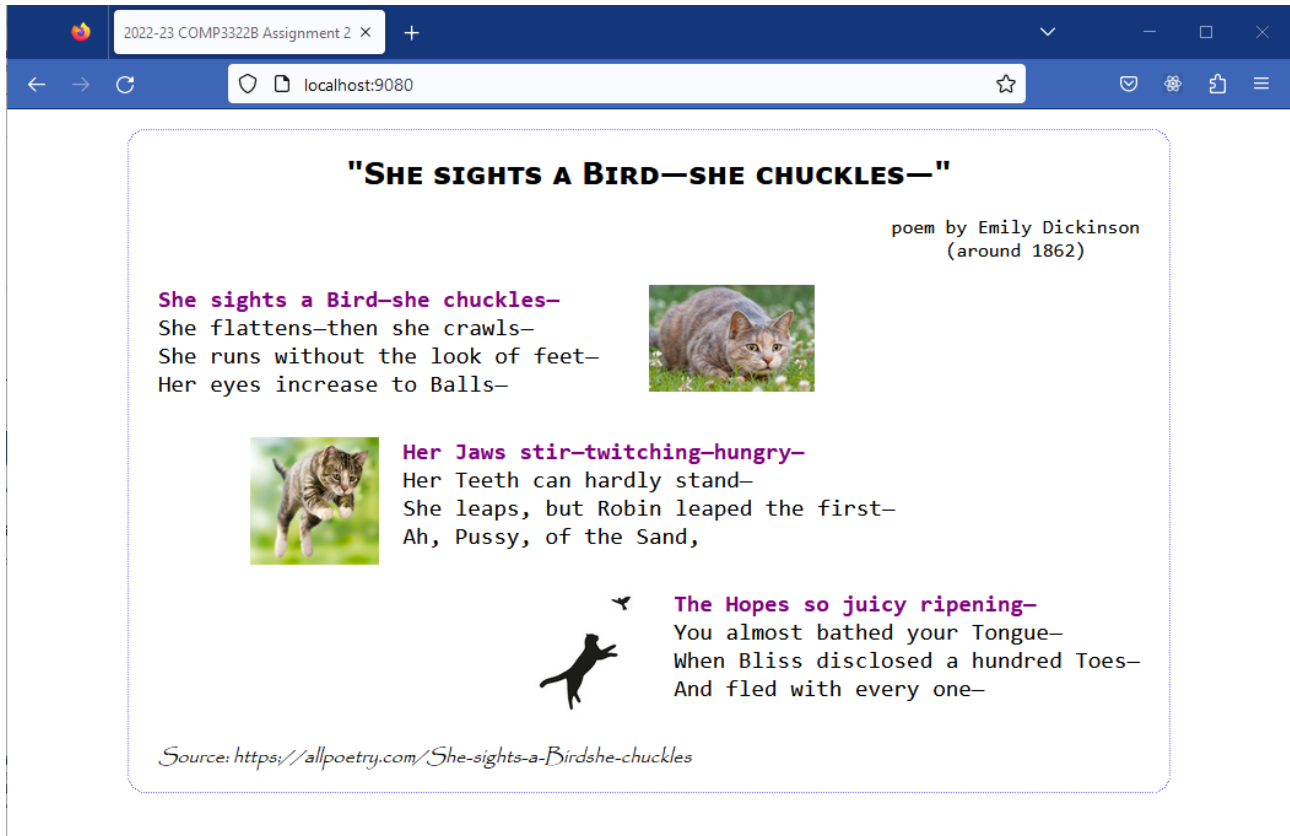
Requirements

Below are the HTML code of a page and the image of that page rendered by the Firefox Web browser without applying any CSS styling. On the next page, we have the same page rendered by the same browser with the CSS styling. Complete the assignment by adding the required CSS styling file **poem.css** according to the hints and information given along with the display image. **You CANNOT make changes to the body part of this HTML code**, i.e., no class or id attributes are added to the code; in addition, **you CANNOT make changes to the images**. **You CANNOT make use of any JavaScript code or external libraries too**.

```
<!doctype html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>2022-23 COMP3322B Assignment 2</title>
<link rel='stylesheet' type='text/css' href='poem.css'>
</head>
<body>
<article>
<h1>"She sights a Bird—she chuckles—"</h1>
<p>poem by Emily Dickinson<br>(around 1862)</p>
<p>
She sights a Bird—she chuckles—<br>
She flattens—then she crawls—<br>
She runs without the look of feet—<br>
Her eyes increase to Balls—</p>
<p>
Her Jaws stir—twitching—hungry—<br>
Her Teeth can hardly stand—<br>
She leaps, but Robin leaped the first—<br>
Ah, Pussy, of the Sand,</p>
<p>
The Hopes so juicy ripening—<br>
You almost bathed your Tongue—<br>
When Bliss disclosed a hundred Toes—<br>
And fled with every one—</p>
<cite>Source: <a href="https://allpoetry.com/She-sights-a-
Birdshe-chuckles">https://allpoetry.com/She-sights-a-Birdshe-
chuckles</a></cite>
</article>
</body>
</html>
```



Here is an example screenshot of the page (with CSS styling) rendered by Firefox.



You can assume the browser uses its standard display setting for each element except specific settings specified in this assignment.

ARTICLE ELEMENT

- Set the content width to 800px
- Set the borders with blue color, dotted pattern, round corner (radius 15px), and the thickness is 1px.
- Set the top & bottom margin to 1rem
- Center the article element in the middle of the browser
- Set the left & right padding to 1.5rem

H1 ELEMENT

- Set the font to "Verdana, sans-serif" with small caps on
- Center the element in the middle of the container

PARAGRAPH ELEMENTS

- Set the font to "Consolas, monospace"

1ST PARAGRAPH

- Align to the right
- Center the text content within the paragraph

2ND, 3RD, & 4TH PARAGRAPHS

- Set the font size to 1.2rem
- Set the first line to bold and purple in color

2ND PARAGRAPH

- Has a gap of 2rem between the 2nd and 3rd paragraphs

3RD PARAGRAPH

- Center the paragraph in the middle of the article element
- Has a gap of 2rem between the 3rd and 4th paragraphs

4TH PARAGRAPH

- Align to the right
- Has a gap of 2rem between the 4th paragraph and the cite element

1ST IMAGE (HUNT.JPG)

- Add it to the right of the 2nd paragraph
- Align the top of the image with the top of the 2nd paragraph
- Position the left edge of the image at the middle of the article (i.e., align to the mid-line of the article)
- Set the image to 45% of the original size

2ND IMAGE (JUMP.JPG)

- Add it to the left of the 3rd paragraph and add a 20px gap between the image and the paragraph
- Align the top of the image with the top of the 3rd paragraph
- Set the image to 35% of the original size

3RD IMAGE (FLED.JPG)

- Add it to the left of the 4th paragraph
- Align the top of the image with the top of the 4th paragraph
- Position the right edge of the image at the middle of the article
- Set the image to 40% of the original size

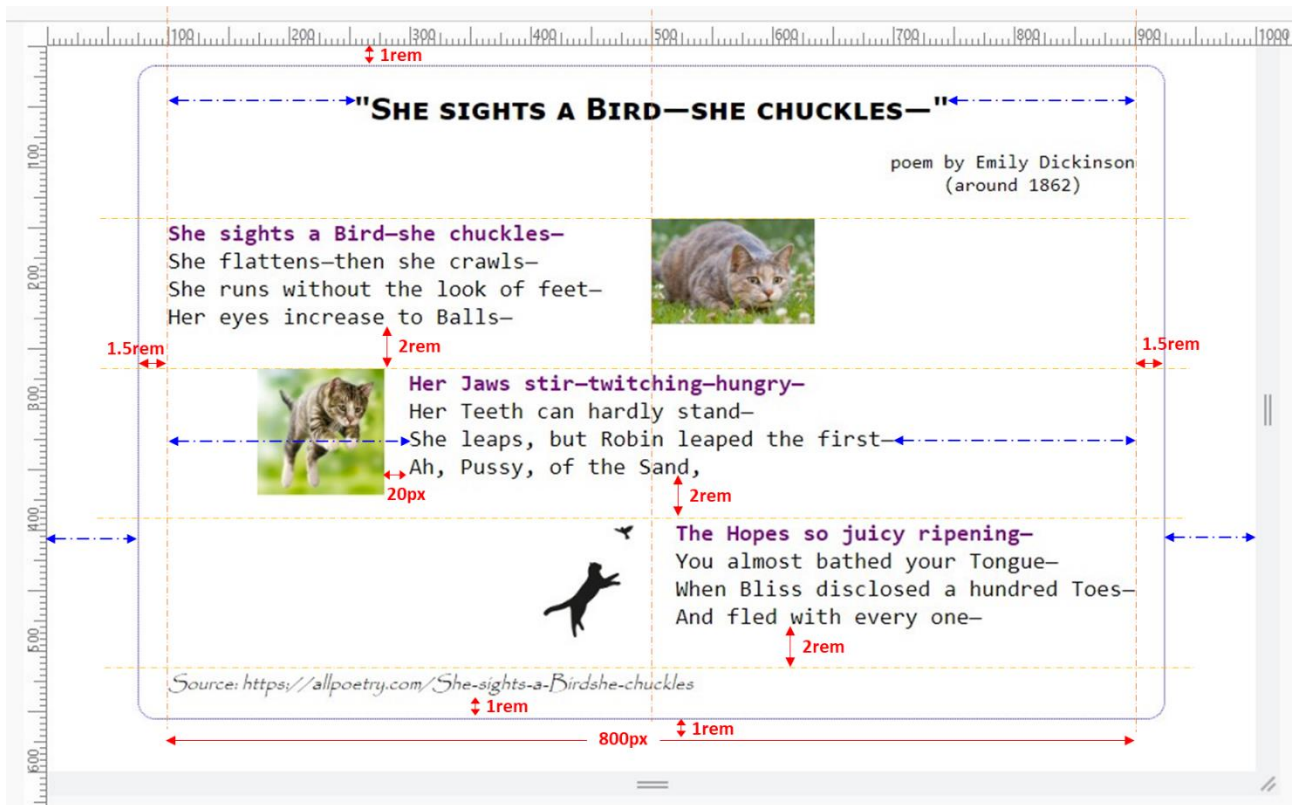
CITE ELEMENT

- Set the font to “papyrus, fantasy”
- Has a gap of 1rem from the bottom border

LINK ELEMENT

- Set the font color to black **for all states**
- Disable the default “underline” setting except when the mouse is over the link
- When the mouse pointer is over the link, display a red wavy underline and change the background color of the link element to #CDFEAA color.

The following page has another screenshot of the page with annotations; the page was rendered by Chrome.



Here is the expected effect when the mouse is over the link.

Source: <https://allpoetry.com/She-sights-a-Birdshe-chuckles>

Resources

You are provided with the following files.

- `index.html` – this is the raw html without CSS styling.
- `jump.jpg`, `fled.jpg`, `hunt.jpg` – these are the image files.

Testing platform

We shall test your CSS styling rules using Chrome and/or Firefox on the LAMP container set.

Submission

Please finish this assignment before **Friday 17:00 March 3, 2023** . Submit the following file:

1. `poem.css`

At the head of the `poem.css` file, add your student number and student name before adding any styling rules.

```
/*
```

```
Student Name:
```

```
Student Number:
```

```
*/
```

Grading Criteria

Points	Criteria
0.7	Correctly set the article container
0.4	Correctly set the H1 element
0.5	Correctly set the 1 st paragraph
0.6	Correctly set the 2 nd paragraph
0.7	Correctly set the 3 rd paragraph
0.7	Correctly set the 4 th paragraph
2.4	Correctly add and set the 3 images
1.0	Correctly set the cite and link elements
-0.5	Not including student's name and number in the poem.css file
-1.0	Not using index.html as the Web app main page
-3.0	Have modified the index.html file

Plagiarism

Plagiarism is a very serious academic offence. Students should understand what constitutes plagiarism, the consequences of committing an offence of plagiarism, and how to avoid it. ***Please note that we may request you to explain to us how your program is functioning as well as we may also make use of software tools to detect software plagiarism.***