World Wide Web Information Systems Development

Assignment 2

Overview

This assignment can be done completely within a web browser using your local filesystem (i.e., it does not need to be deployed to a web server). The objective of this assignment is to explore some CSS formatting of fixed HTML content.

Task

You have been given the file **a2.html** (see link closer to the bottom of this page to download this) and you've been asked to write **a2.css** in order to make the provided HTML **a2.html** render like this in a web browser:

To accomplish this, download **a2.html** to an empty directory, open this file in your web browser, and create an **a2.css** text file to add CSS rules. (You can also place **a2.html** on a web server and create **a2.css** on that server in the same directory. You will need to load the URL of **a2.html** on that server in your web browser.)

Before going further, **examine a2.html**. You will notice items are out-of-order, etc. compared to the required final output. The CSS you are directed to write below will allow it to appear as required.

For the selector **header**, set these properties: **color** is **#FFF**, **background-color** is **#070**, **border-radius** is **0.5em**, and **padding** is **0.25ex 1em 0.25ex 1em**, i.e., write:

```
1.   header {
2.     color: #FFF;
3.     background-color: #070;
4.     border-radius: 0.5em;
5.     padding: 0.25ex 1em 0.25ex 1em;
6.   }
```

NOTE: There is a mistake in this assignment, please add the following before the header rule:

```
1.   body {
2.     background-color: #DFF;
3.     font-family: sans-serif;
```

```
   4.      margin: 0;
   5.      padding: 0;
   6.    }
   7.
   8.    .container {
   9.      max-width: 1080px;
  10.      margin: 0 auto;
  11.
  12.      display: flex;
  13.      flex-direction: column;
  14.    }
  15.
  16.    header { order: 0; }
  17.    .midsection { order: 1; }
  18.    footer { order: 2; }
```

Subsequent instructions will be described similarly --but you will need to write the correct CSS. (Write such in the order presented.) You are advised to (i) frequently reload the web page (after saving your CSS file) to see how the appearance has changed and (ii) to use a syntax highlighting editor to help ensure you don't have typos.

A) For the selector **.midsection**, set these properties: **display** is **flex**, **flex-direction** is **row-reverse**.

B) For these two selectors: **.midsection main** and **.midsection nav**, set these properties: **border-radius** is **0.5em** and **padding** is **0.25ex 1em 0.25ex 1em**.

- **Self-exploration:** Ask yourself is this padding line needed when the same is also set in the header? Why or why not?

C) For the selector **.midsection nav**, set these properties: **background-color** is **#D0D** and **color** is **#FFF**.

D) For the selector **.midsection nav ul**, set these properties: **padding-left** is **0** and **list-style-type** is **none**.

- **Self-exploration:** Look up what list-style-type does. How does padding-left differ from padding?

E) For the selector **.midsection nav a**, set these properties: **display** is **block**, **padding** is **0.25em 0.5em**, **color** is **#FFF**, **font-weight** is **bold**, and **text-decoration** is **none**.

- **Self-exploration:** How does the two-argument version of padding different from using one argument and four arguments? What does display block do?

F) For these two selectors: **.midsection nav a:hover** and **.midsection nav a:focus**, set these properties: **background-color** is **#FFF** and **color** is **#000**.

- **Self-exploration:** When this is set properly, reload the page and move your mouse over the menu items. What happens?

G) For the selector: **.midsection main**, set these properties: **width** is **100%** and **background-color** is **#DD0**.

H) For the selector **footer**, set these properties: **color** is **#FFF**, **background-color** is **#770**, **border-radius** is **0.5em**, and **padding** is **0.25ex 1em 0.25ex 1em**.

At this point your HTML page should look like the image shown earlier. If there are issues, double-check you've no typos, etc. If there are still issues, ask for help (and attach your a2.css file to your email).

Submission

Since a2.html is provided, you are to only **submit your a2.css file**.

 📄 a2.html   10 February 2021, 2:50 PM

Submission status

Attempt number	This is attempt 1.

	Submission status	Submitted for grading

Submission status   Submitted for grading

Grading status   Not marked

Due date   Monday, 22 February 2021, 11:59 PM

Time remaining   4 days 6 hours

Grading criteria

Normally the marker will adhere to the rubric, but, the marker reserves the right to add/subtract marks based on the quality of the work provided. (Such overrides will be noted in the feedback comments.)

\<header\> CSS rule(s)	Too many selectors and properties have issues or are incorrect. The required appearance has too many issues. **0 points**	Nearly all selectors and properties are correct. The required appearance is correct or has only minor issues. **1 points**	All selectors and properties are correct. Required appearance is correct. **2 points**
\<footer\> CSS rule(s)	Too many selectors and properties have issues or are incorrect. The required appearance has too many issues. **0 points**	Nearly all selectors and properties are correct. The required appearance is correct or has only minor issues. **1 points**	All selectors and properties are correct. Required appearance is correct. **2 points**
\<nav\> CSS rule(s)	Too many selectors and properties have issues or are incorrect. The required appearance has too many issues. **0 points**	Nearly all selectors and properties are correct. The required appearance is correct or has only minor issues. **1 points**	All selectors and properties are correct. Required appearance is correct. **2 points**
\<nav\> \<a\> CSS rule(s)	Too many selectors and properties have issues or are incorrect. The required appearance has too many issues. **0 points**	Nearly all selectors and properties are correct. The required appearance is correct or has only minor issues. **1 points**	All selectors and properties are correct. Required appearance is correct. **2 points**

Assignment Requirements Conformance	Not all instructions were followed. *0 points*	Most instructions were followed. *1 points*	All instructions were followed. *2 points*
Late Penalty (Deduction)	Late. All marks deducted. *-10 points*	Late but submitted within 24 hours of deadline or late without penalty deadline. *-2 points*	Not late or late without penalty (as decided by or with permission of instructor). *0 points*

Last modified	Thursday, 18 February 2021, 2:39 PM
File submissions	📄 a2.css 18 February 2021, 2:39 PM
Submission comments	▶ Comments (0)

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