1. **Create new html page, Copy either your template.html or book.html your created last week to create FirstPage.html**

2. **Create Image and CSS subfolders as per below**

Name	Status	Date modified	Type	Si
CSSFormat	⟳	05/02/2024 19:21	File folder	
WebsiteImages	⟳	05/02/2024 19:21	File folder	
FirstPage	⊘	05/02/2024 19:21	Chrome HTML Docu...	

3.

4. **Copy Images from moodle into WebsiteImages**

5. **Remove any spaces from image file names**

6. **Title of your page should read Menu Page1 Website**

7. **Change the meta name description for this page**

```
<meta name="description" content="This is an example website">
```

8. **Add below to Header and Nav**

```html
<!doctype html>
<html lang="en">
    <head>
        <meta charset="utf-8">
        <meta name="description" content="This is an example website">
        <meta name="keywords" content="html5, test webpage, css">
        <title>Menu Page 1</title>
        <link rel="stylesheet" href="CSSFormat/stylesheet.css">
    </head>
    <body>
        <header>
            <h1>Web site Page One</h1>
            <h3>This is the navigation section</h3>
            <ul>
                <li> <a href="FirstPage.html"> Page 1</a> </li>
                <li> <a href="SecondPage.html">Page 2 </a> </li>
                <li> <a href="ThirdPage.html"> Page 2 </a> </li>
            </ul>
        </header>
```

9. **Display FirstPage.html on your Chrome Browser**

10. Add the following <main> and <footer as below>

```
        </header>
        <main>
            <img src="WebsiteImages/book_image.jpg" alt="Dreamweaver Book" height="" width ="">
            <a href="https://www.adobe.com">read more...</a>
            </p>
        </main>
        <footer>
            <p> &copy;Copyright  &#64;2024 using paragraph element &lt;p&gt;</p>
        </footer>
    </body>
</html>
```

11. <footer> contains text © copyright @ 2024 in <p>

An HTML entity is a piece of text ("string") that begins with an ampersand **(&)** and ends with a semicolon (;) . Entities are frequently used to display reserved characters (which would otherwise be interpreted as HTML code) eg < , > @ & etc

https://developer.mozilla.org/en-US/docs/Glossary/Entity

© ©   @ @ < <> >

```
<footer>
    <p> &copy;Copyright  &#64;2019 using paragraph element &lt;p&gt;</p>
</footer>
```

Figure 1 HTML footer code

12. Create New External Cascading Styles Sheets (CSS) called stylesheet.css stored in Week3/CSSFormat

13. Create css styling for h1 element

14. Add the following Formatting to your external stylesheet

```css
/* External stylesheet*/

h1
{   text-shadow: -2px -2px 4px green;
    font-size:200%;color: red;
}


header{
    border-bottom: 2px solid red ;
}

body{margin:0;}

img{
    width: 100%;
}
```

selector
property
value

h1 {
    color: navy; ← declar

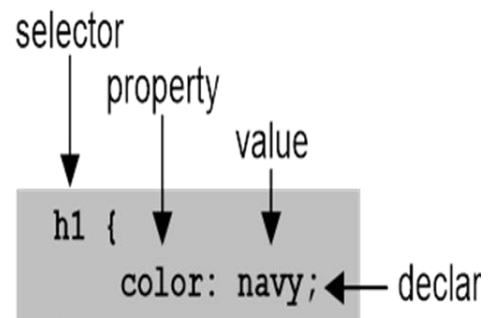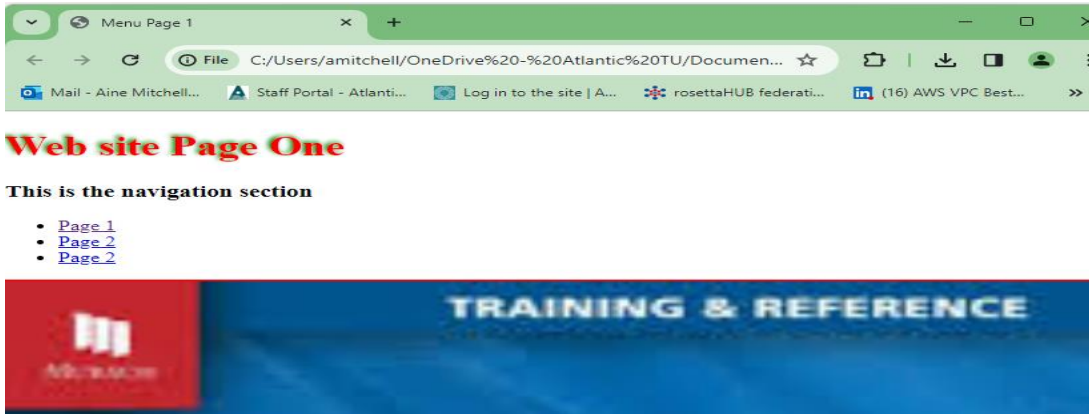*Figure 2Figure 2 Example of CSS Declaration*

15. **Update the link to this weeks stylesheet called stylesheet.css stored in CSSFormat folder**

```
        <meta name="keywords" content="htm
        <title>Menu Page 1</title>
        <link rel="stylesheet" href="">
    </head>
```

16. **Display formatting change in Chrome**

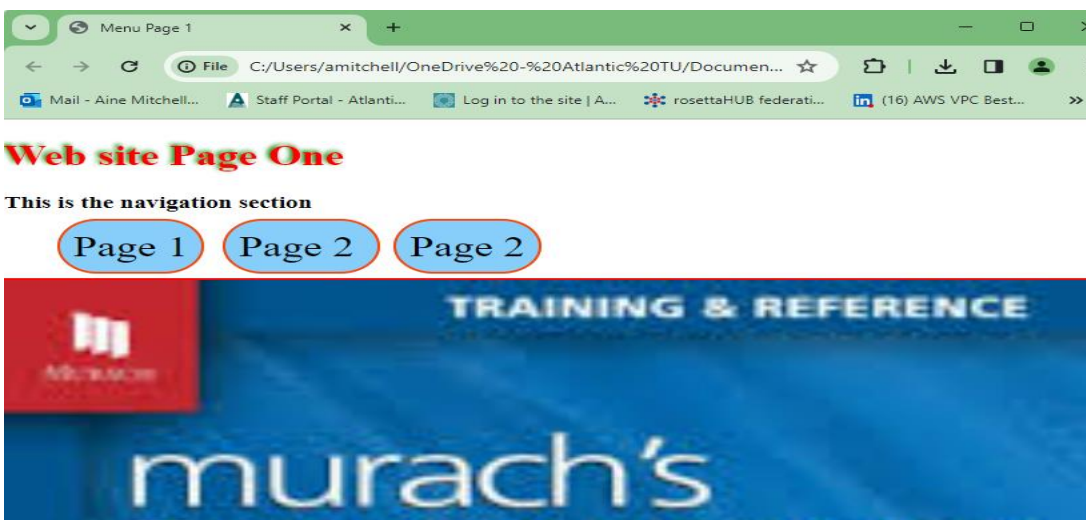17. **Add the following Formatting to your external stylesheet**

```
ul li {display: inline;}

ul a {font-size:200%;
        text-decoration: none;
        border: 2px solid █orangered;
        border-radius: 1em;
        margin-right:10px;
        padding: 10px;
        color:☐black;
        background-color: ▨lightskyblue;
    }
```

18. **Display formatting change in Chrome**

19. **Validate FirstPage.html**

https://validator.w3.org/#validate_by_upload

20. **Take FirstPage.html and File Save as SecondPage.html**

Name	Status	Date modified	Type	Size
📁 CSSFormat	⊘	05/02/2024 19:32	File folder	
📁 WebsiteImages	⊘	05/02/2024 19:29	File folder	
🔵 FirstPage	⊘	05/02/2024 19:51	Chrome HTML Docu...	
🔵 SecondPage	⟳	05/02/2024 19:56	Chrome HTML Docu...	

21. **Make the following changes**

22. **Change the meta name description for this page**

```html
<meta name="description" content="This is an example website">
```

```html
    <title>Menu Page 2</title>
    <link rel="stylesheet" href="CSSFormat/stylesheet.css">
</head>
<body>
    <header>
        <h1>Web site Page Two</h1>
        <h3>This is the navigation section</h3>
        <ul>
            <li> <a href="FirstPage.html"> Page 1</a> </li>
            <li> <a href="SecondPage.html">Page 2 </a> </li>
            <li> <a href="ThirdPage.html"> Page 3 </a> </li>
        </ul>
    </header>
    <main>
        <img src="WebsiteImages/HTMLExample.jpg" alt="HTML Image" height="" width ="">
        <a href="https://www.w3schools.com/html/html_computercode_elements.asp">read more...</a>
        </p>
    </main>
    <footer>
        <p> &copy;Copyright  &#64;2024 using paragraph element &lt;p&gt;</p>
    </footer>
```

23. **Display changes in Chrome**

Web site Page Two

This is the navigation section

(Page 1) (Page 2) (Page 3)

HTM

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4      <head>
5          <meta charset="utf-8">
6          <meta name="description" conten
7          <title>My Super Awesome Website
```

24. **Validate SecondPage.html**

https://validator.w3.org/#validate_by_upload

25. **Take SecondPage.html and File Save as ThirdPage.html**

Name	Status	Date modified	Type
CSSFormat	⊘	05/02/2024 19:32	File folder
WebsiteImages	⊘	05/02/2024 19:29	File folder
FirstPage	⊘	05/02/2024 19:51	Chrome HTML Docu...
SecondPage	⊘	05/02/2024 19:58	Chrome HTML Docu...
ThirdPage	⟳	05/02/2024 20:01	Chrome HTML Docu...

26. **Make the following changes**

27. **Change the meta name description for this page**

```html
<meta name="description" content="This is an example website">
```

```html
    <title>Menu Page 3</title>
    <link rel="stylesheet" href="CSSFormat/stylesheet.css">
</head>
<body>
    <header>
        <h1>Web site Page Three</h1>
        <h3>This is the navigation section</h3>
        <ul>
            <li> <a href="FirstPage.html"> Page 1</a> </li>
            <li> <a href="SecondPage.html">Page 2 </a> </li>
            <li> <a href="ThirdPage.html"> Page 3 </a> </li>
        </ul>
    </header>
    <main>
        <img src="WebsiteImages/W3C_HTML5_certified.png" alt="HTML W3C" height="" width ="">
        <a href="https://www.w3.org/">read more...</a>
        </p>
    </main>
    <footer>
        <p> &copy;Copyright  &#64;2024 using paragraph element &lt;p&gt;</p>
    </footer>
```

28. **Display changes in Chrome**

https://validator.w3.org/#validate_by_upload

So, What's the Difference?

It's easy to understand the difference between font-size units when you see them in action. Generally, **1em = 12pt = 16px = 100%**. When using these font-sizes, let's see what happens when you increase the base font size (using the body CSS selector) from 100% to 120%.

	body { font-size: 100%; }	body { font-size: 120%; }
font-size: 1em	The quick brown fox	The quick brown
font-size: 12pt	The quick brown fox	The quick brown fox
font-size: 16px	The quick brown fox	The quick brown fox
font-size: 100%	The quick brown fox	The quick brown

https://kyleschaeffer.com/css-font-size-em-vs-px-vs-pt-vs-percent

http://www.vikingcodeschool.com/html5-and-css3/html5-semantic-tags

https://www.w3schools.com/tags/ref_byfunc.asp