Unit 8 – HTML and CSS
Gettysburg Address Webpage

The header and style section. The <head> section is the same as in our simple web page examples with just a title. Once the body has been filled in with a image and a link, formatting with be enhanced by adding the <style> section.

However, we will begin without a <style> section and will end with a style sheet file.

```
1    <!DOCTYPE html>
2    <html>
3        <!-- Webpage for the Gettysburg Address.  Tom Riherd 10/31/2021 -->
4    <head>
5    <meta charset="UTF-8">
6        <title>Abe's Speech</title>
7        <style>body{
8        background-color:■black;
9        text-align:center;
10       color:□white;
11       margin-left: 60px;
12       margin-right: 60px;
13       font-family: Verdana, Geneva, Tahoma, sans-serif;
14       }
15       h1{ text-align: left; color:■yellow;}
16       </style>
17       <style>speech{
18           text-align: left;
19           font-family: 'Courier New', Courier, monospace;
20           font-size: 110%;
21       }
22       </style>
23       <style>
24           footer{
25               margin-left: 30px; margin-right: 30px;
26           }
27       </style>
28   </head>
29
```

Main Body of Web Page

Main body of the webpage. <speech> tags are added later after the initial CSS elements are put into place.

Text of speech was pasted from the website. It is later placed in its' own section using custom tags of <speech></speech>.

A numbered list is created using the tags and each item in the list has its' own tag as well. If numbers are not desired, a bulleted list can be using instead by replacing "ol" with "ul".

```
30    <body>
31    <h1>Abraham Lincoln's Famous Speech</h1>
32    <img src="Abraham_Lincoln_by_Alexander_Gardner.jpg" width="150">
33    <p>President Lincoln gave this speech as part of the dedication ceremony
34    for the new National Cemetery at Gettysburg, PA.  It was the location of
35    a large battle of the Civil War earlier that year June 30 – July 3.
36    Considered a Union victory as Lee was driven back into Virginia after
37    losing 30,000 men who could not be replaced.</p>
38    <br><br>
39    <p>For more information, visit the Library of Congress website by
40    <a href="https://www.loc.gov/exhibits/gettysburg-address/">clicking-here.</a></p>
41
42    <!--  This is the text from the Gettysburg Address, in it's own section named "speech" -->
43    <speech>
44    <br><br>
45    <p>Four score and seven years ago our fathers brought forth, upon this continent, a new nati
46    <br><br>
47    Now we are engaged in a great civil war, testing whether that nation, or any nation so conce
48    <br><br>
49    It is for us, the living, rather to be dedicated here to the unfinished work remaining befor
50    </p>
51    </speech>
52
53    <!-- This will be a list of why this was important -->
54    <br><br>
55    <p>Significance of Gettysburg Address</p>
56    <ol>
57    <li>Refocuses attention to purpose of cause.</li>
58    <li>Motivate the Nation to continue.</li>
59    <li>Remind public of purpose of nation.</li>li>
60    </ol>
61    </body>
62
```

Webpage Footers

Footers are elements that appear at the bottom of a web page. Depending on the layout and style desired, a webpage may or may not have a footer section. They are designated using the <footer></footer> tags.

Footer of the page gets added later after adding the basic CSS elements. Here there are two graphics added to the left and right. A copyright notice is included using &copy to generate the © symbol.

```
63    <!--  This will be our footer at the bottom of the page  -->
64  ∨ <footer>
65        <br><br>
66        <hr>
67        <img src="lincoln_uc_graphic.png" height="130"; alt="Lincoln Page Logo"; align="left"; >
68        <img src="tech_address.png" height="130"; alt="UC Tech Address"; align = "right"; >
69        <br><br><br><br><br>&copy 2021. Tom Riherd
70    </footer>
71
72    </html>
```

Using a Cascading Style Sheet

At this point, the style formatting will be moved out of the HTML page into a separate Cascading Style Sheet (CSS). For this another file named Lincoln_style.css is created.

The CSS Stylesheet for the Lincoln webpage is shown below. Notice is has:

- No <style></style> tags.
- No HTML tags.
- ONLY style elements.

```
1   body{
2       background-color:■black;
3       text-align:center;
4       color:□white;
5       margin-left: 60px;
6       margin-right: 60px;
7       font-family: Verdana, Geneva, Tahoma, sans-serif;
8       }
9
10  h1{
11      text-align: left;
12      color: ▧aqua;
13      }
14
15  speech{
16          text-align: left;
17          font-family: 'Courier New', Courier, monospace;
18          font-size: 110%;
19      }
20
21  footer{
22              margin-left: 30px; margin-right: 30px;
23      }
24
```

Referencing an External Cascading Style Sheet

To use the newly created CSS file, modify the <head> section of the webpage as shown here.

Had the stylesheet file been in another location, the full or relative address would need to be specified as well in order for the HTML browser to be able to find it.

```
1    <!DOCTYPE html>
2    <html>
3        <!-- Webpage for the Gettysburg Address using stylesheet.  Tom Riherd 10/31/2021 -->
4    <head>
5    <meta charset="UTF-8">
6        <title>Abe's Speech</title>
7        <link rel="stylesheet" href="lincoln_style.css">
8    </head>
```