

Lesson 02 Demo 13

Applying Text Styling, Borders, and Background Images in HTML

Objective: To create an HTML file that incorporates text styling, borders, and background images to enhance web page design

Tools required: Visual Studio Code

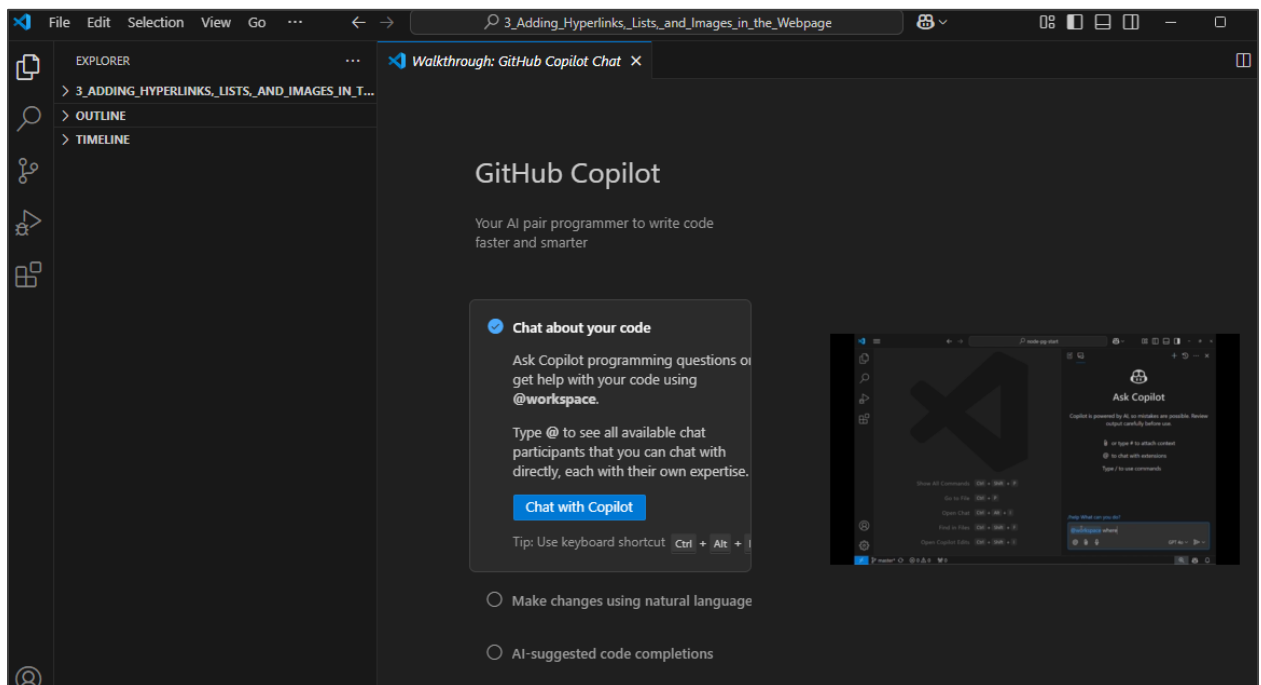
Prerequisites: None

Steps to be followed:

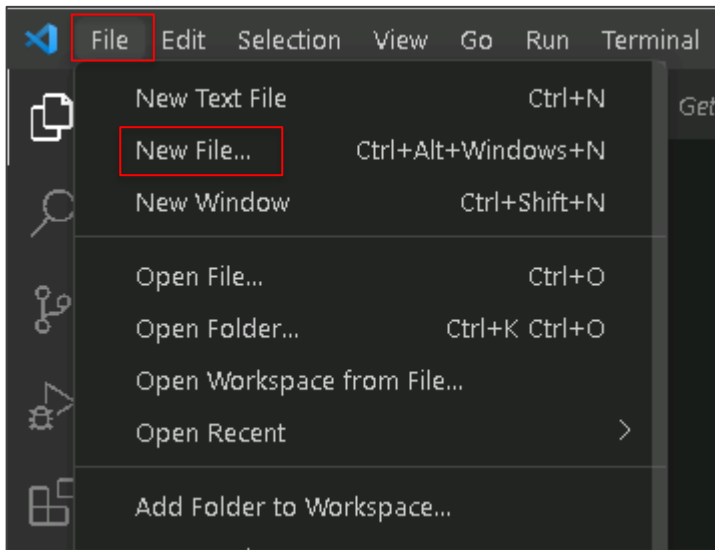
1. Create and add code for text styling, borders, and background images
2. View the output in a browser

Step 1: Create and add code for text styling, borders, and background images

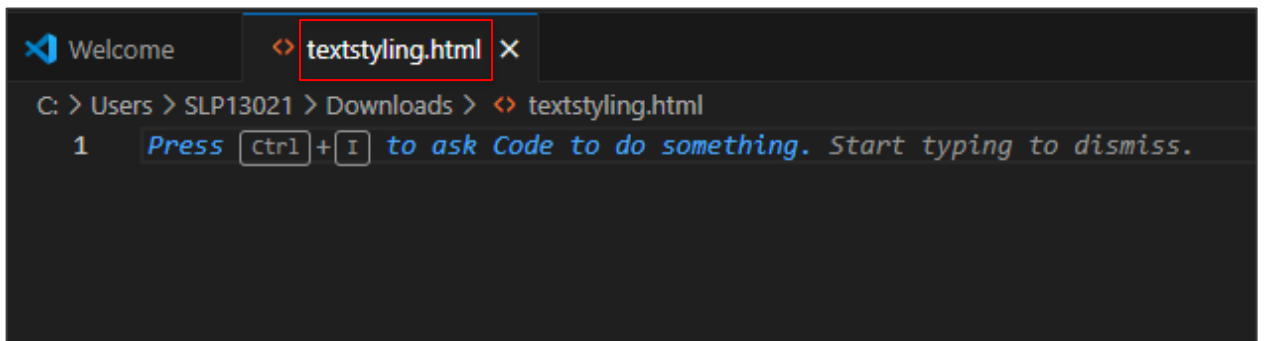
1.1 Open Visual Studio Code



1.2 Right-click on the **File** menu of the code editor and select **New File...**



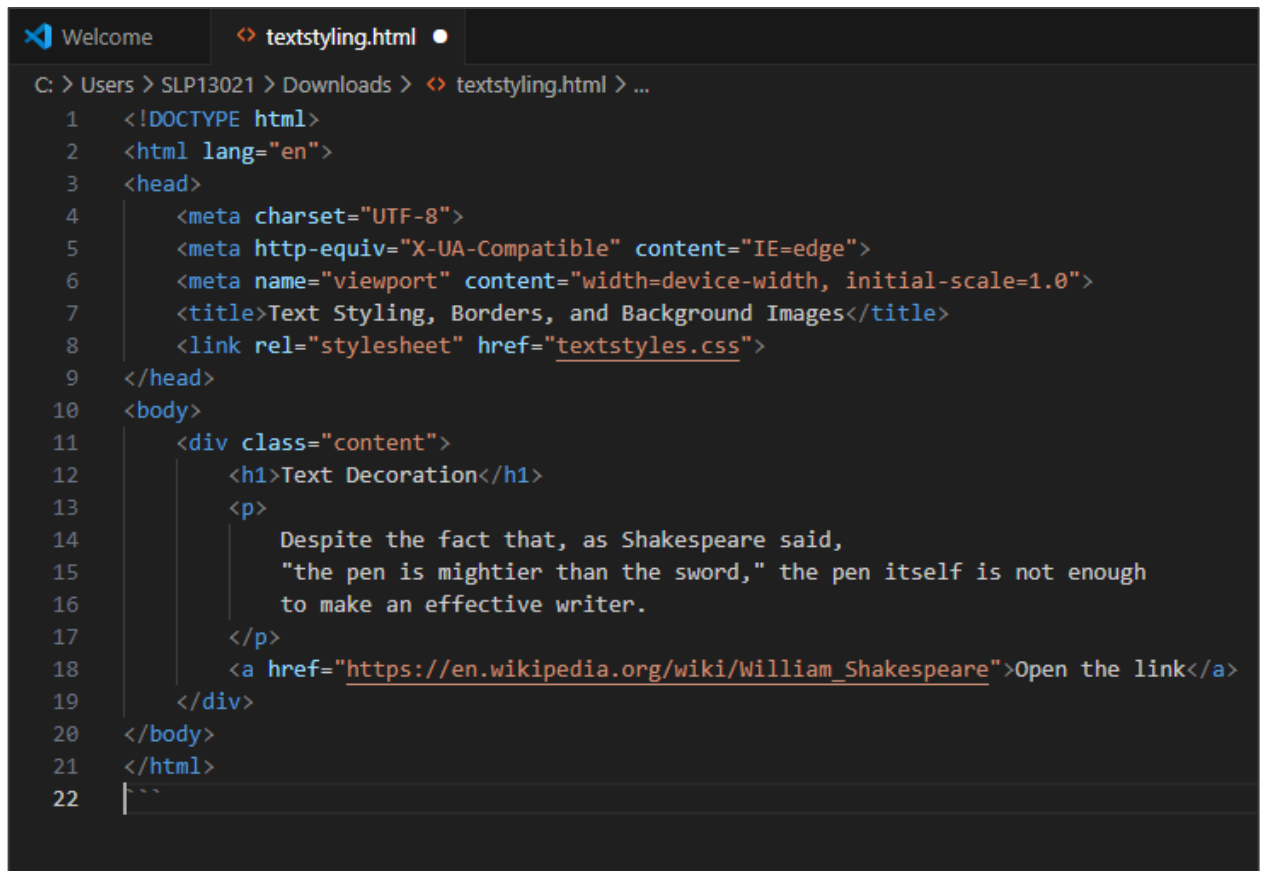
1.3 Create a new HTML file named **textstyling.html**



1.4 Add the following HTML code to the textstyling.html file:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Text Styling, Borders, and Background Images</title>
  <link rel="stylesheet" href="textstyles.css">
</head>
<body>
```

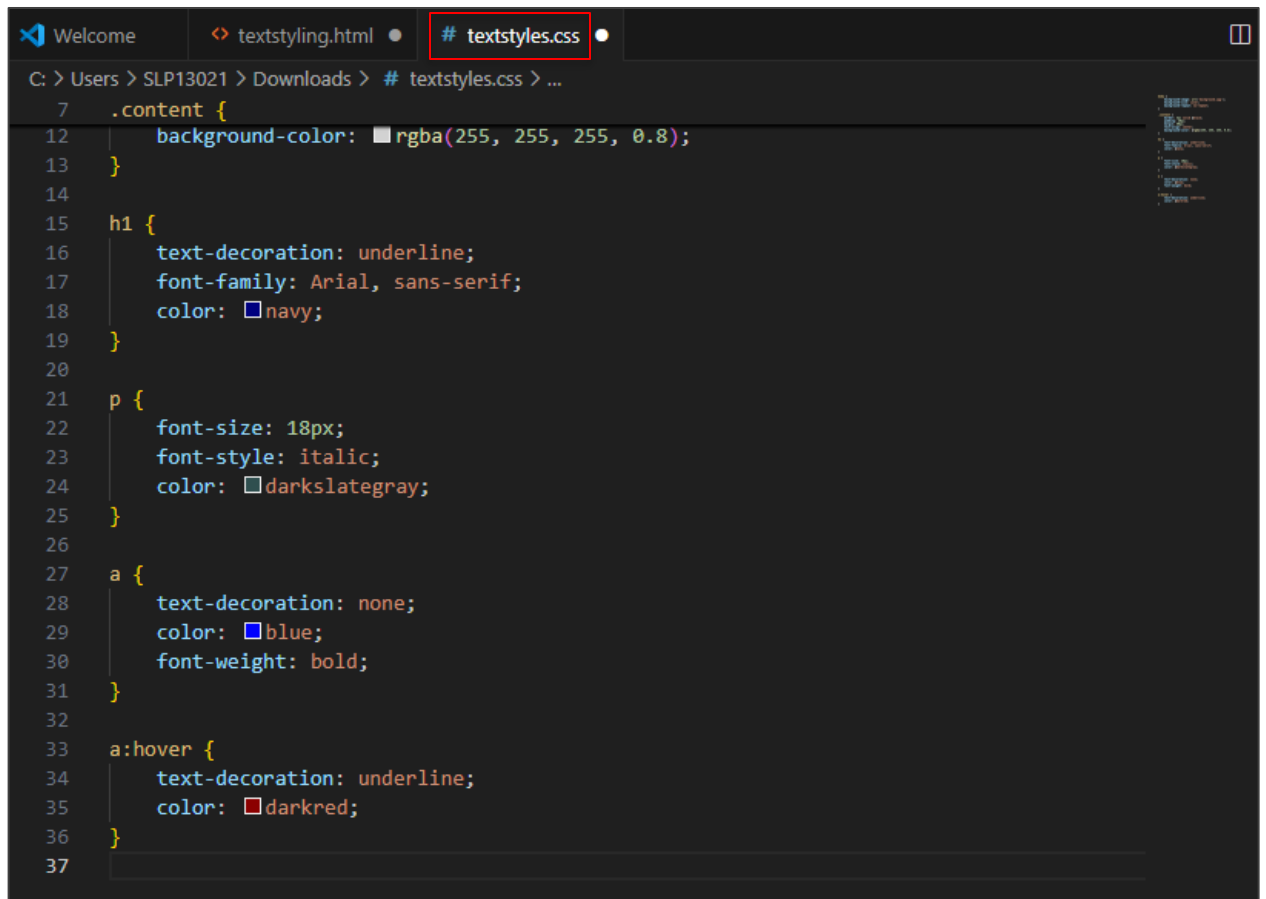
```
<div class="content">
  <h1>Text Decoration</h1>
  <p>
    Despite the fact that, as Shakespeare said,
    "the pen is mightier than the sword," the pen itself is not enough
    to make an effective writer.
  </p>
  <a href="https://en.wikipedia.org/wiki/William_Shakespeare">Open the link</a>
</div>
</body>
</html>
```



```
Welcome | textstyling.html
C: > Users > SLP13021 > Downloads > textstyling.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta http-equiv="X-UA-Compatible" content="IE=edge">
6    <meta name="viewport" content="width=device-width, initial-scale=1.0">
7    <title>Text Styling, Borders, and Background Images</title>
8    <link rel="stylesheet" href="textstyles.css">
9  </head>
10 <body>
11   <div class="content">
12     <h1>Text Decoration</h1>
13     <p>
14       Despite the fact that, as Shakespeare said,
15       "the pen is mightier than the sword," the pen itself is not enough
16       to make an effective writer.
17     </p>
18     <a href="https://en.wikipedia.org/wiki/William_Shakespeare">Open the link</a>
19   </div>
20 </body>
21 </html>
22 | ``
```

1.5 Create a new CSS file named **textstyles.css** and add the following code to it:

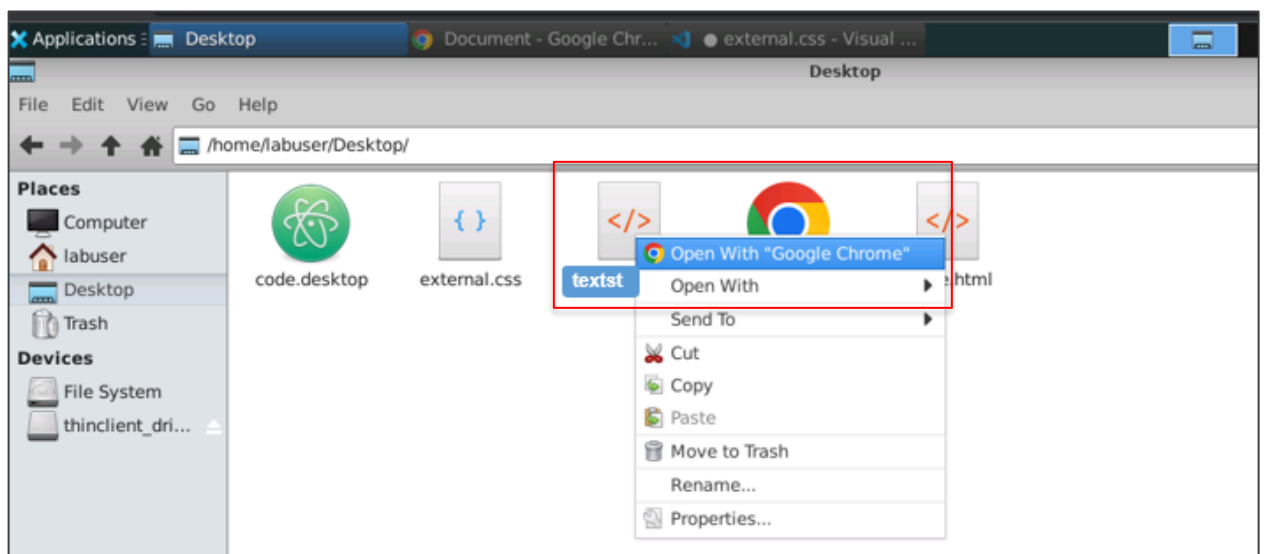
```
body {  
    background-image: url('background.jpg');  
    background-size: cover;  
    background-repeat: no-repeat;  
}  
  
.content {  
    border: 3px solid black;  
    padding: 20px;  
    margin: 50px;  
    text-align: center;  
    background-color: rgba(255, 255, 255, 0.8);  
}  
  
h1 {  
    text-decoration: underline;  
    font-family: Arial, sans-serif;  
    color: violet;  
}  
  
p {  
    font-size: 18px;  
    font-style: italic;  
    color: darkslategray;  
}  
  
a {  
    text-decoration: none;  
    color: blue;  
    font-weight: bold;  
}  
  
a:hover {  
    text-decoration: underline;  
    color: darkred;  
}
```



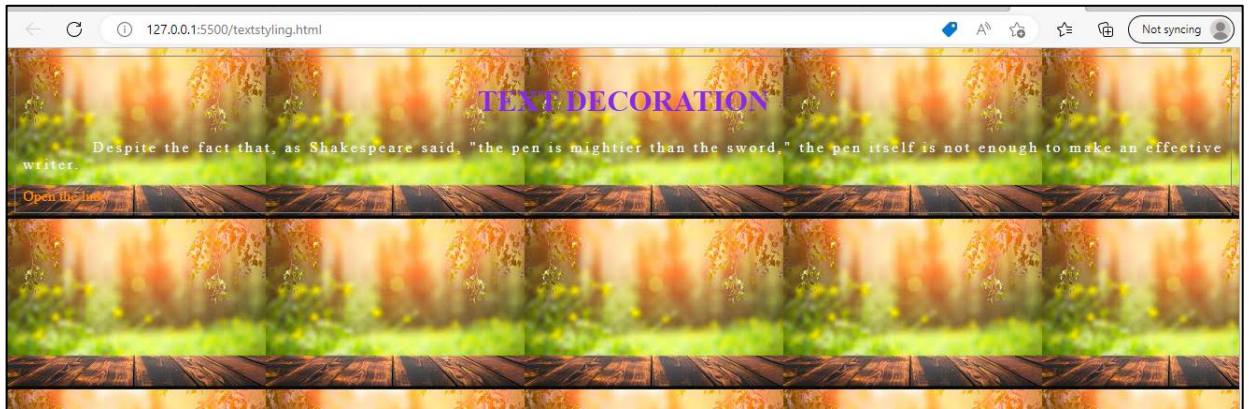
```
7 .content {
12     background-color: rgba(255, 255, 255, 0.8);
13 }
14
15 h1 {
16     text-decoration: underline;
17     font-family: Arial, sans-serif;
18     color: navy;
19 }
20
21 p {
22     font-size: 18px;
23     font-style: italic;
24     color: darkslategray;
25 }
26
27 a {
28     text-decoration: none;
29     color: blue;
30     font-weight: bold;
31 }
32
33 a:hover {
34     text-decoration: underline;
35     color: darkred;
36 }
37
```

Step 2: View the output in a browser

2.1 Locate the textstyling.html file, right-click on it, and select **Open With “Google Chrome”**



- 2.2 Ensure that the web page displays a background image, a styled content box, a violet heading, a sentence, and a color-changing hyperlink



By following these steps, you have successfully created an HTML file that applies text styling, borders, and background images using CSS, enhancing web page design.