

Lesson 01 Demo 01

Working with Lists

Objective: To work with lists

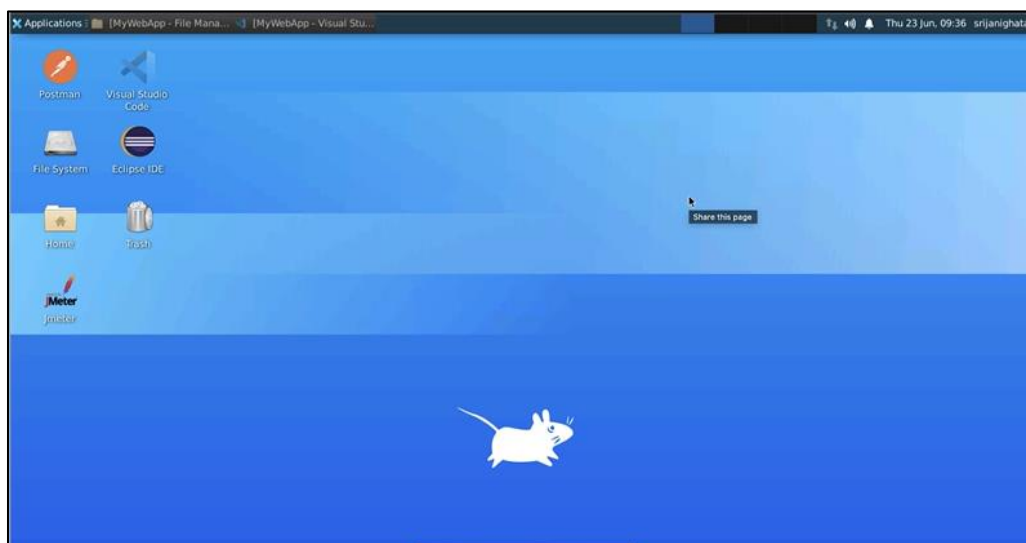
Tools required: Visual Studio Code

Steps to be followed:

1. Opening Visual Studio
2. Create a project structure called MyWebApp
3. Renaming index.html file and writing code into the index.html file
4. Creating the About.html page
5. Creating the products.html page and updating the index.html page
6. Creating the contact.html page
7. Re-updating the index.html page

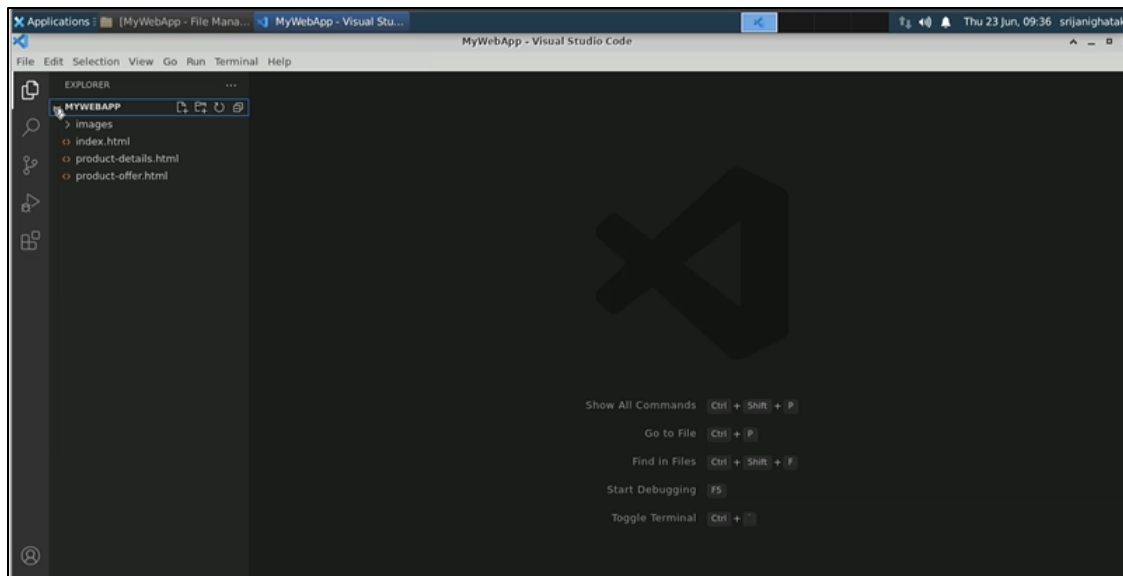
Step 1: Opening Visual Studio

1.1 Double-click on the Visual Studio icon.



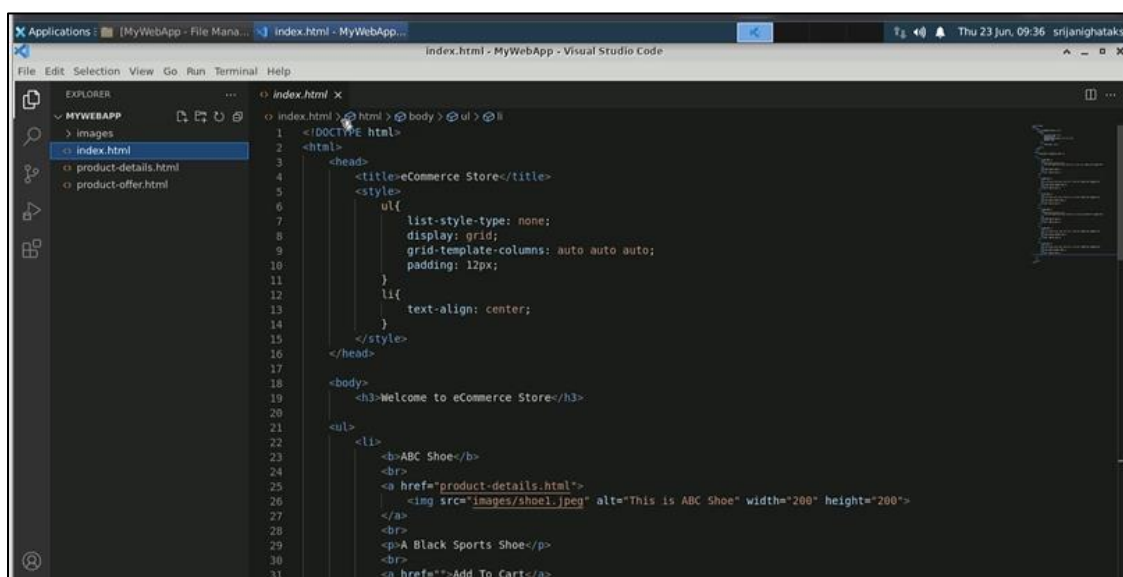
Step 2: Create a project structure called MyWebApp

2.1 Clicking on the project name from left-hand side bar which displays the list of components.

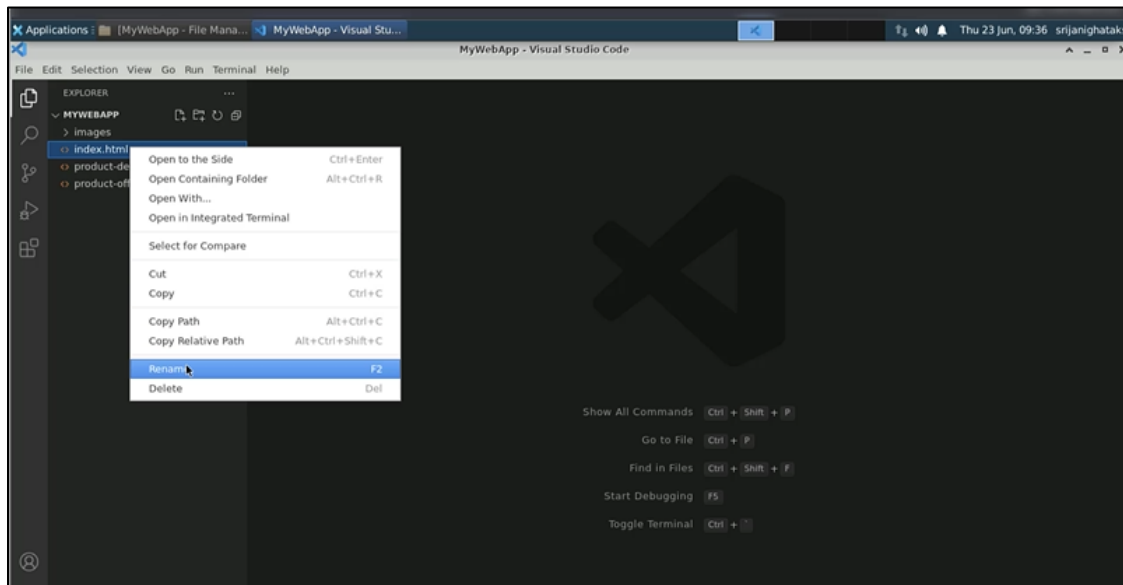


Step 3: Renaming index.html file and writing code into the index.html file

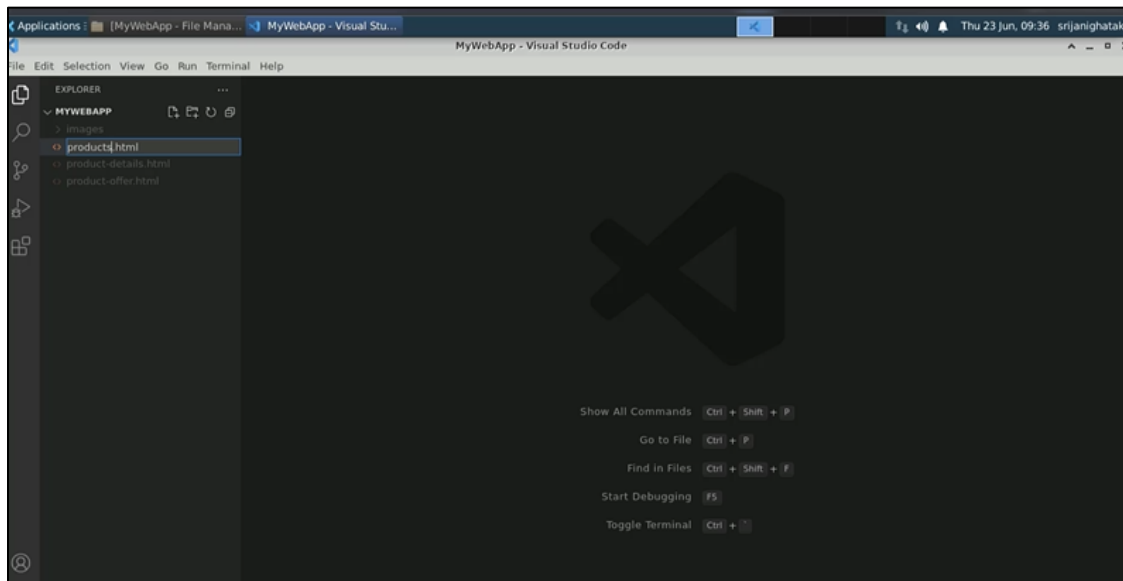
3.1 Select the **index.html** file.



2.2 Right-click on the file name and select **Rename**.



2.3 The index.html file is renamed as **products.html**.



2.4 Add the code in the newly created index.html file.

```

1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>eCommerce Store</title>
5   </head>
6   <body>
7     <h3>Welcome to eCommerce Store</h3>
8     <ul>
9       <li><a href="index.html">Home</a></li>
10      <li><a href="index.html">About</a></li>
11      <li><a href="products.html">Products</a></li>
12      <li><a href="index.html">Profile</a></li>
13      <li><a href="index.html">Contact</a></li>
14    </ul>
15  </body>
16 </html>
  
```

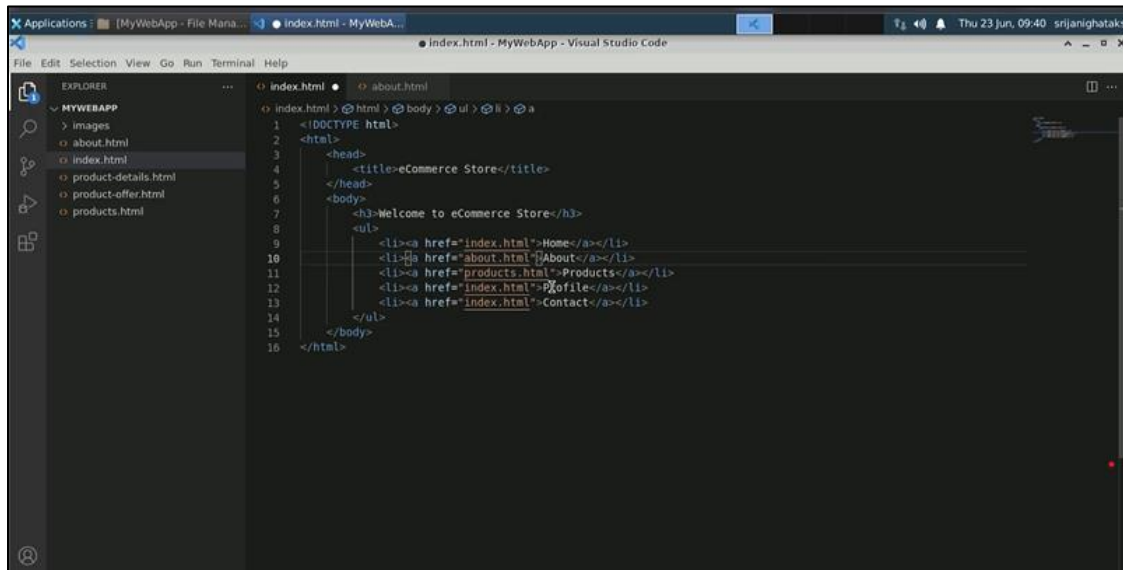
Step 4: Creating the About.html page

4.1 Create a new file named **About.html**.

```

1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>eCommerce Store</title>
5   </head>
6   <body>
7     <h3>Welcome to eCommerce Store</h3>
8     <ul>
9       <li><a href="index.html">Home</a></li>
10      <li><a href="index.html">About</a></li>
11      <li><a href="products.html">Products</a></li>
12      <li><a href="index.html">Profile</a></li>
13      <li><a href="index.html">Contact</a></li>
14    </ul>
15  </body>
16 </html>
  
```

4.2 Add contents in the **About.html** page.

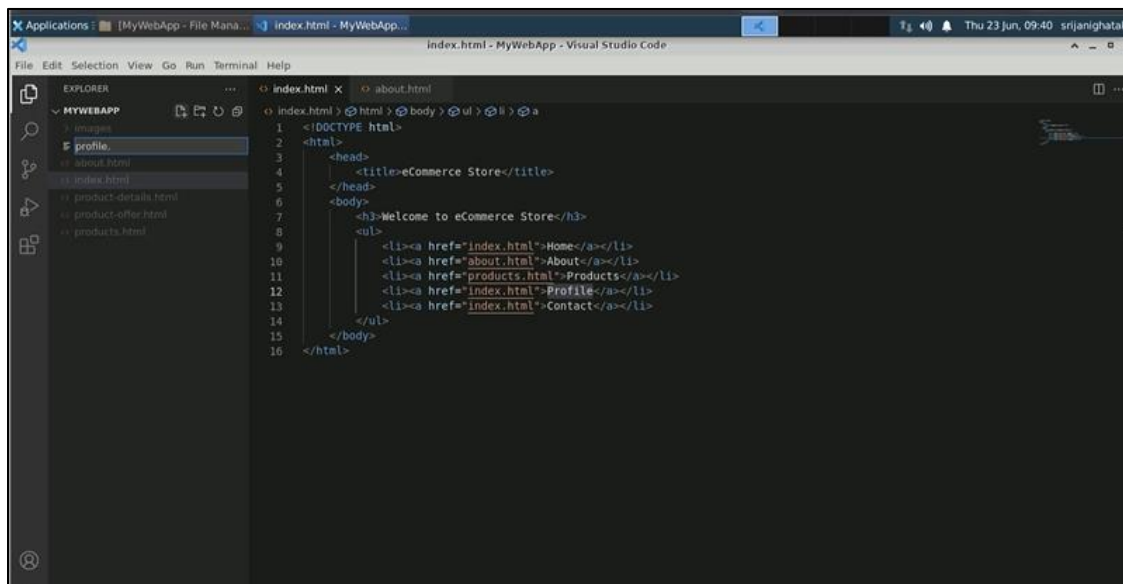


The screenshot shows the Visual Studio Code editor with the `index.html` file open. The Explorer panel on the left shows the project structure for `MYWEBAPP`, including `images`, `about.html`, `index.html`, `product-details.html`, `product-offer.html`, and `products.html`. The main editor area displays the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>eCommerce Store</title>
5   </head>
6   <body>
7     <h3>Welcome to eCommerce Store</h3>
8     <ul>
9       <li><a href="index.html">Home</a></li>
10      <li><a href="about.html">About</a></li>
11      <li><a href="products.html">Products</a></li>
12      <li><a href="index.html">Profile</a></li>
13      <li><a href="index.html">Contact</a></li>
14    </ul>
15  </body>
16 </html>
```

Step 5: Creating the **products.html** page and updating the **index.html** page

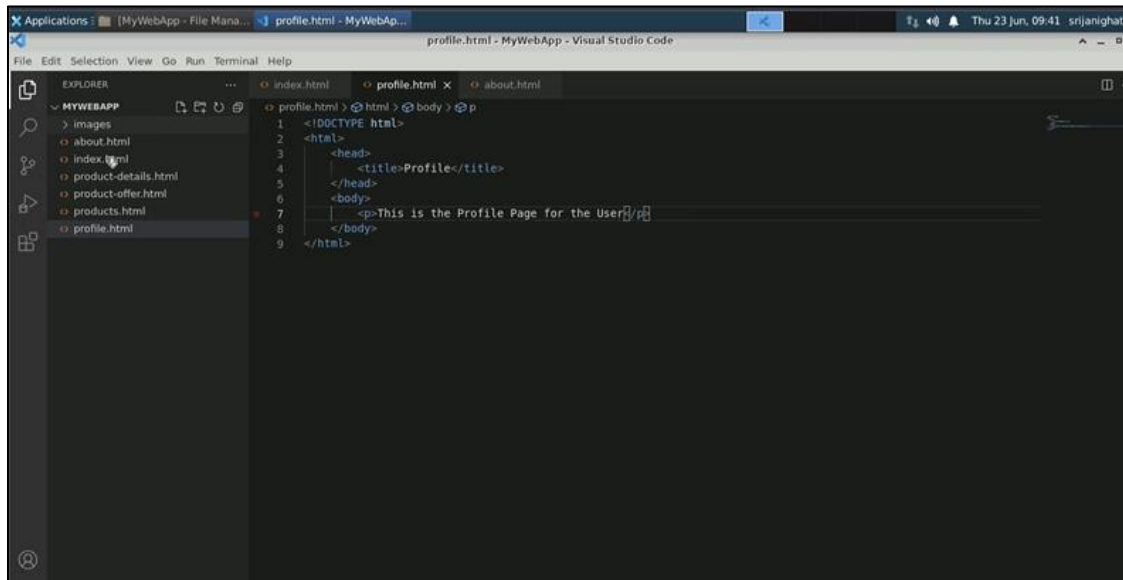
5.1 Create the **products.html** page.



The screenshot shows the Visual Studio Code editor with the `index.html` file open. The Explorer panel on the left shows the project structure for `MYWEBAPP`, including `images`, `profile`, `about.html`, `index.html`, `product-details.html`, `product-offer.html`, and `products.html`. The main editor area displays the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>eCommerce Store</title>
5   </head>
6   <body>
7     <h3>Welcome to eCommerce Store</h3>
8     <ul>
9       <li><a href="index.html">Home</a></li>
10      <li><a href="about.html">About</a></li>
11      <li><a href="products.html">Products</a></li>
12      <li><a href="index.html">Profile</a></li>
13      <li><a href="index.html">Contact</a></li>
14    </ul>
15  </body>
16 </html>
```

5.2 Create the **profile.html** page.



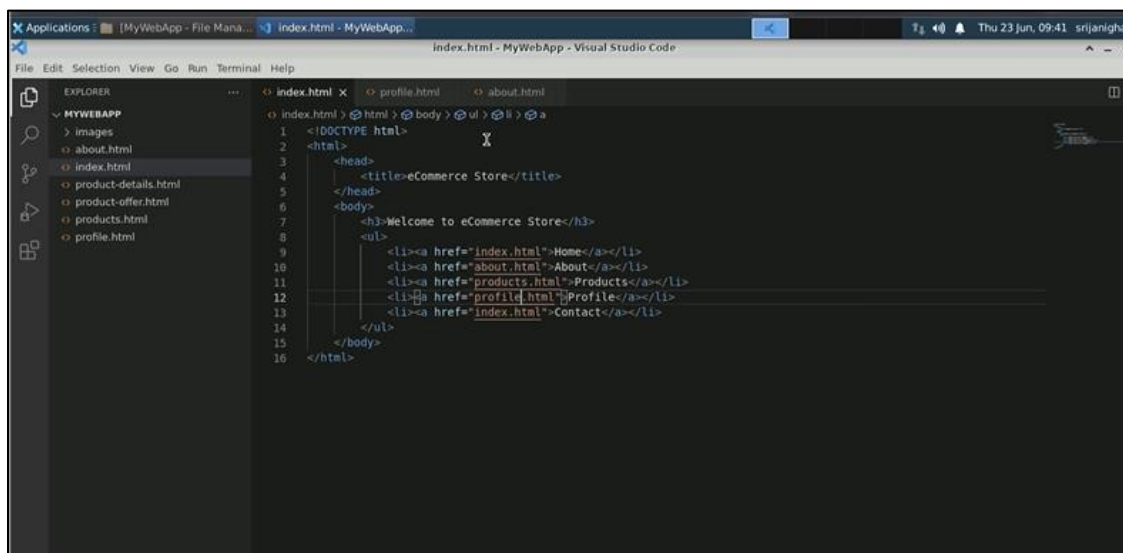
The screenshot shows the Visual Studio Code editor with the **profile.html** file open. The Explorer panel on the left shows the project structure with **profile.html** selected. The main editor area displays the following HTML code:

```

1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Profile</title>
5   </head>
6   <body>
7     <p>This is the Profile Page for the User</p>
8   </body>
9 </html>

```

5.3 Update the code present in **index.html** page.



The screenshot shows the Visual Studio Code editor with the **index.html** file open. The Explorer panel on the left shows the project structure with **index.html** selected. The main editor area displays the following HTML code:

```

1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>eCommerce Store</title>
5   </head>
6   <body>
7     <h3>Welcome to eCommerce Store</h3>
8     <ul>
9       <li><a href="index.html">Home</a></li>
10      <li><a href="about.html">About</a></li>
11      <li><a href="products.html">Products</a></li>
12      <li><a href="profile.html">Profile</a></li>
13      <li><a href="index.html">Contact</a></li>
14    </ul>
15  </body>
16 </html>

```

Step 6: Creating the contact.html page

6.1 Create a new page named **contact.html** page.

```

1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>eCommerce Store</title>
5   </head>
6   <body>
7     <h3>Welcome to eCommerce Store</h3>
8     <ul>
9       <li><a href="index.html">Home</a></li>
10      <li><a href="about.html">About</a></li>
11      <li><a href="products.html">Products</a></li>
12      <li><a href="profile.html">Profile</a></li>
13      <li><a href="index.html">Contact</a></li>
14    </ul>
15  </body>
16 </html>
  
```

6.2 Add code to contact.html file.

```

1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Contact</title>
5   </head>
6   <body>
7     <p>Please feel free to contact us</p>
8     <p>Call us at +91 99999 11111</p>
9     <p>Email us at info@ecommerce.store</p>
10  </body>
11 </html>
  
```

6.3 Update the code of index.html page.

```

1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>eCommerce Store</title>
5   </head>
6   <body>
7     <h3>Welcome to eCommerce Store</h3>
8     <ul>
9       <li><a href="index.html">Home</a></li>
10      <li><a href="about.html">About</a></li>
11      <li><a href="products.html">Products</a></li>
12      <li><a href="profile.html">Profile</a></li>
13      <li><a href="contact.html">Contact</a></li>
14    </ul>
15  </body>
16 </html>

```

Step 7: Re-updating the index.html page

7.1 Update the code of index.html page.

```

1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>eCommerce Store</title>
5     <style>
6       ul{
7         list-style-type: none;
8       }
9       li{
10        float: left;
11        margin-right: 8px;
12      }
13     </style>
14   </head>
15   <body>
16     <h3>Welcome to eCommerce Store</h3>
17     <ul>
18       <li><a href="index.html">Home</a></li>
19       <li><a href="about.html">About</a></li>
20       <li><a href="products.html">Products</a></li>
21       <li><a href="profile.html">Profile</a></li>
22       <li><a href="contact.html">Contact</a></li>
23     </ul>
24   </body>
25 </html>

```