Lab 4

For each question, you need to create one html file. Upload the three HTML files to Moodle before 11:59 pm Feb. 7th, 2023.

1. Based on the flowing HTML source code, you need to use type selector to decorate the HTML content.

HTML Source Code:

|  |
| --- |
| <!DOCTYPE html>  <html lang="en">  <head>      <title>Lab 4 Question 1</title>  <style>  /\* Add your CSS style down below \*/  h1{              text-align: center;              text-decoration: underline;              color: red;          }          p{              background-color: grey;          }          h2, h3{              color: blue;          }      </style>  </head>  <body>      <!-- Use Type Selectors to complete the lab 4-1 -->      <h1>My Widgets</h1>      <p>My widgets are the best in the land. Continue reading to learn more about my widgets</p>      <h2>Widget Features</h2>      <p>If I had any features to discuss, you can bet I'd do it here.</p>      <h3>Pricing</h3>      <p>Here, I would talk about my widget pricing.</p>      <h3>Comparison</h3>      <p>Here, I would talk about how my widgets compare to my competitor's widgets. </p>  </body>  </html> |
|  |

The final display should be like this:

Graphical user interface, text

Description automatically generated

1. Based on the flowing HTML source code, you need to use Class or ID selector to decorate the HTML content.

|  |
| --- |
| <!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>Lab4 CSS ID and Class Selectors</title>  <style>  /\* Add your CSS style down below \*/  .heading1{              background-color: yellow;          }          #tsp{              font-weight: bold;          }          .heading2{              color: red;          }          .pinfo{              background-color: grey;          }  </style>  </head>  <body>  <h2 class="heading1">Traveling Salesman Problem</h2>  <p>The <em id="tsp">traveling salesman problem (TSP)</em> has been intriguing researchers for  the last 150 years by its seemingly simple formulation, important  applications, and interesting connections to other combinatorial problems.  </p>  <h2 class="heading2">Knapsack Problem</h2>  <p class="pinfo">Here is another well-know problem in algorithmics. Given <em>n</em> items of known  weight w<sub>1</sub>....,w<sub>n</sub> and a knapsack of capacity <em>W</em>, find  the most valuable subset of the items that fit into the knapsack. </p>  </body>  </html> |

The final display should be like this:

Graphical user interface, application

Description automatically generated with medium confidence

1. Based on the flowing HTML source code, you need to use Pseudo classes to decorate the HTML content.

Source code:

|  |
| --- |
| <!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">  <style>  /\* Add your CSS style down below \*/  a:link{              text-decoration: none;              text-transform: uppercase;              color: black;          }          a:hover{              font-size: larger;              color:crimson;              text-decoration: underline;              background-color: rgb(231, 215, 218);          }  </style>  <title>Lab4-3 Pseudo Classes</title>  </head>  <body>  <h2>Lab4 Pseudo Classes</h2>  <br>  <ul>  <li><a href="#">About</a></li>  <li><a href="#">Projects</a></li>  <li><a href="#">Advocacy</a></li>  <li><a href="#">News</a></li>  <li><a href="#">Contact</a></li>  </ul>  </body>  </html> |

**Original display:**

Diagram

Description automatically generated with medium confidence

The final display should be like this:

**:link or visited display**

Text, letter

Description automatically generated

**:hover display**

Text

Description automatically generated