Go to the code5-1.html file and within the head section insert link elements linking the page to the code5-1\_layout.css and code5-1\_media.css files.

Add a viewport meta tag to the document head to set the width of the layout viewport equal to the width of the device and set the initial scale of the viewport to **1.0**.

Open *code5-1\_media.css* file and create a media query for devices with a maximum width of **500** pixels. Within the query do the following:

1. Set the display of the img element within the article element to **none**.
2. Center the text contained within the ul element belonging to the submenu class.

Create a media query for devices with a minimum width of **501** pixels. Within the query do the following:

1. Float the nav element on the left page margin.
2. Set the width of the nav element to **130** pixels and the height to **400** pixels.
3. Set the top margin of the nav element to **30** pixels, the right margin to **25** pixels, and the bottom and left margins to **0** pixels.

Create a media query for devices with a minimum width of **710** pixels. Within the query do the following:

1. Set the float property of the nav element to **none**, its width to **100%** and its height to **auto**. Set the nav element margins to **0**.
2. Set the display of ul elements of the mainmenu class to flex with the flex flow in the row direction with no wrapping; justify the contents of the flexbox in the center.
3. Set the flex property of li elements with the ul.mainmenu element to have a growth factor of **0**, a shrink factor of **1**, and a basis value of **120** pixels.

Code5-1.html

<head>

   <!--

   New Perspectives on HTML5 and CSS3, 8th Edition

   Tutorial 5

   Coding Challenge 1

   Author:

   Date: 4/20/2023

   Filename: code5-1.html

   -->

   <meta charset="utf-8">

   <title>Coding Challenge 5-1</title>

   <link href="code5-1\_layout.css" rel="stylesheet" />

   <link href="code5-1\_media.css" rel="stylesheet" />

   <meta name="viewport" content="width-device-width, initial-scale=1.0" />

</head>

Code5-1\_media.css

@charset "utf-8";

/\*

   New Perspectives on HTML5 and CSS3, 8th Edition

   Tutorial 5

   Coding Challenge 1

   Author:

   Date: 4/20/2023

   Filename: code5-1\_media.css

\*/

@media only screen and (max-width:500px) {

   article img {

    display : none

    }

   ul.submenu {

    text-align: center;

    }

  }

@media only screen and (min-width:501px) {

  nav {

    float: left;

    width : 130px;

    height : 400px;

    margin: 30px 25px 0px 0px;

  }

}

@media only screen and (min-width:710px) {

  nav {

    float: none;

    width: 100%;

    height: auto;

    margin: 0px 0px 0px 0px;

  }

  ul.mainmenu {

    display: flex;

    flex-direction: row;

    flex-wrap: nowrap;

    }

  ul.submenu li{

    flex-grow: 0;

    flex-shrink: 1;

    flex-basis: 120px;

    }

  }