36: Creating a home page 2

HTML changes

<h1> page title

Change the page title text in the <h1> to Welcome to my tree website.

<nav> section

The navigation list goes in the wide space to the left of the text. It is an unordered list (with no bullets), with each list item being a link to a content page. At this time there is just one content page; the first list item links to this. The others are just there for show at this time. You can use them and add to them when you create more content pages.

The navigation list is placed within a <nav> container, a semantic element (Lesson 6). Both the list and the container have an ID attribute so they can be styled.

```
<nav id="treenav">
  <ul id="treenavlist">

  </ul>
</nav>
```

Here's how it all looks with the list items. Copy the code below and paste it into your HTML document between the page title (h1) and the <article> (treehomearticle). Note how it's outside the <article>, so it is separated from the other text.

```
<nav id="treenav">
  <ul id="treenavlist">
    <li><a href="pages/content.htm">Hoop Pine</a></li>
    <li><a href="#">Branch out</a></li>
    <li><a href="#">Take root</a></li>
    <li><a href="#">Turn over a new leaf</a></li>
    <li><a href="#">Go out on a limb</a></li>
    <li><a href="#">Bark up the wrong tree</a></li>
    <li><a href="#">What a sap</a></li>
  </ul>
</nav>
```

<article> changes

There are only a few changes to be made to the <article>:

- Change the text in the <h2> (majorheading) to 'The awesome power of trees'.
- Change the image and the linked image. This is described below.

Changing the image and the linked image

Click on the links below to open the images. Save them in the 'images' directory.

- tree_200.jpg (Home page picture)
- tree_700.jpg (larger, linked version)

- In the HTML, find the existing image and change the name to that of the new image (tree_200.jpg). Do the same for the linked, larger image (tree_700.jpg). Change the `alt` text as well.

HTML

```
<!DOCTYPE html>
<html lang="en">
 <head>
  <title>Home</title>
  <link rel="stylesheet" href="treestylesheet.css">
  <meta charset="UTF-8">
  <meta name="description" content="What we all need to know about
trees">
  <meta name="keywords" content="html, css">
  <meta name="author" content="My Name">
  <meta name="viewport" content="width=device-width,initial-
scale=1.0">
 </head>
 <body id="treehomepage">
<header class="treeheader">
<p>My wonderful world of trees</p>
</header>
<h1 class="treepagetitle" id="treehomepagetitle">The splendours of
Hoop Pine
</h1>
<nav id="treenav">
 <ul id="treenavlist">
  <li><a href="pages/content.htm">Hoop pine</a></li>
  <li><a href="#">Branch out</a></li>
  <li><a href="#">Take root</a></li>
  <li><a href="#">Turn over a new leaf</a></li>
  <li<a> href="#">Go out on a limb</a></li>
  <li><a href="#">Bark up the wrong tree</a></li>
  <li><a href="#">What a sap</a></li>
```

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```
 </ul>
</nav>
<article class="treehomearticle">
<h2 class="majorheading">The awesome power of trees
</h2>
<h3 class="minorheading">Habitat
</h3>
<p class="treebodytext">
Araucaria cunninghamii is a species of Araucaria known as <i>Hoop
Pine</i>. Other less commonly used names include colonial pine,
Queensland pine, Dorrigo pine, Moreton Bay pine and Richmond River
pine. The scientific name honours the botanist and explorer Allan
Cunningham,<a href="../images/tree_700.jpg"><img
src="../images/tree_200.jpg" class="treeimageright" alt="pic of
impressive tree"></a> who collected the first specimens in the 1820s.
</p>
<h3 class="minorheading">Habitat
</h3>
<p class="treebodytext">
Araucaria cunninghamii is a species of Araucaria known as <i>Hoop
Pine</i>. Other less commonly used names include colonial pine,
Queensland pine, Dorrigo pine, Moreton Bay pine and Richmond River
pine. The scientific name honours the botanist and explorer Allan
Cunningham, who collected the first specimens in the 1820s.
</p>
<h3 class="minorheading">Habitat
</h3>
<p class="treebodytext">
Araucaria cunninghamii is a species of Araucaria known as <i>Hoop
Pine</i>. Other less commonly used names include colonial pine,
Queensland pine, Dorrigo pine, Moreton Bay pine and Richmond River
pine. The scientific name honours the botanist and explorer Allan
Cunningham, who collected the first specimens in the 1820s.
</p>
</article>
<footer class="treefooter">
 <p>
 My wonderful world of trees
 </p>
</footer>
</body>
</html>
```

CSS

Create new rulesets

You will now add rulesets for the <nav> container, navigation list, list items and links. The styling locates the navigation list container and the look and spacing of the list items.

```
#treenav {                                          /* nav container */
  width: 15%;
  float: left;
  margin-left: 12%;
  margin-right: 3%;
  }

#treenavlist {                                      /* list container */
  list-style-type: none;
  font-size: 110%;
  font-weight: 500;
  }

#treenavlist li {                                   /* list items */
  padding-bottom: 1em;
  }

#treenavlist a {                                     /* links */
  text-decoration: none;
  }
```

Notice how the declarations for the navigation list (#treenavlist) apply to the list items; the list items 'inherit' the values from their parent container. The setting for padding has to be in the ruleset for list items because that property is not inherited.

One of the rulesets (#treenavlist a) applies to links in the navigation list. This prevents the browser default underlining being applied to these links. Underlining is not needed for the navigation list items because (by convention) the user expects them to be links, even if they don't look like they are.

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Entering the CSS

Copy the rulesets for #treenav, #treenavlist, #treenavlist li and #treenavlist a and paste them into your CSS as shown

CSS

```
html {
       color: black;
       font-family: sans-serif, sans;
       font-weight: normal;
       font-variant: normal;
       font-style: normal;
       text-align: justify;
       }

*   {
       margin: 0 0 0 0;
       padding: 0 0 0 0;
       }


img {
       max-width:100%;
       border: none;
       outline: none;
       }

#treecontentpage {
       background-color: lightcyan;
       }

.treepagetitle {
       text-align: center;
       font-size: 290%;
       font-weight: 700;
       line-height: 5em;
}

.majorheading {
       text-align: left;
       font-size: 160%;
       font-weight: 700;
       margin-bottom: 0.8em;
}

.minorheading {
       text-align: left;
       font-size: 115%;
       font-weight: 500;
       margin-bottom: 1%;
}

.treebodytext {
       margin-right: 6%;
       margin-bottom: 4%;
}
```

```
#treehomelink {
	margin-top: 2vh;
	margin-left: 5vw;
	font-size: 110%;
	font-weight: 600;
	}

.treecontentarticle
	width: 60%;
	margin-right: auto;
	margin-left: auto;
	}

.treeheader {
	background-color: gray;
	height: 10vh;
	width: 100%;
	}

.treeheader p {
	font-size: 200%;
	font-weight: 600;
	text-align: left;
	color: white;
	line-height: 10vh;
	margin-left:5vw;
	}

.treeheader a {
	text-decoration: none;
	}

.treefooter {
	position: fixed;
	bottom: 0;
	width: 100%;
	height: 4em;
	background-color: firebrick;
	}

.treefooter p {
	text-align: center;
	line-height: 4em;
	color: white;
	}

.treeimageright {
	float: right;
	margin: 2% 0 2% 2%;
	}

#treehomepagetitle {
	margin-top: 3em;
	}
```

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```
#treehomepage {
	background-color: lemonchiffon;
	}

#treehomearticle {
	float: right;
	margin-right: 20%;
	width: 50%;
	}

#treenav {                                          /* nav container */
	width: 15%;
	float: left;
	margin-left: 12%;
	margin-right: 3%;
	}

#treenavlist {                                       /* list container */
	list-style-type: none;
	font-size: 110%;
	font-weight: 500;
	}

#treenavlist li {                                   /* list items */
	padding-bottom: 1em;
	}

#treenavlist a {                                    /* links */
	text-decoration: none;
	}
```

See how it looks

Refresh your browser to see how it looks. Feel free to experiment with the properties and values to see what happens.

Congratulations!

You have completed your website.