

u3160508

assignment 2: basic web application
university of canberra 2019

This assignment daunted me because I know that every student in this unit was required to know basic HTML and CSS and I had zero knowledge in this. I knew I wouldn't be able to submit this assignment or even pass this unit if I didn't immerse myself in the basics of web development. Before starting the basic web application assignment, I watched various YouTube tutorials and read different websites on learning the basics of coding. I subscribed to a website called Code Academy and it has allowed me to do basic coding exercises.

codecademy

Learn

HTML DOCUMENT STANDARDS

Linking to Other Web Pages

One of the powerful aspects of HTML (and the Internet), is the ability to *link* to other web pages.

You can add links to a web page by adding an *anchor* element `<a>` and including the text of the link in between the opening and closing tags.

```
<a>This Is A Link To Wikipedia</a>
```

Wait a minute! Technically, the link in the example above is incomplete. How exactly is the link above supposed to work if there is no URL that will lead users to the actual Wikipedia page?

The anchor element in the example above is incomplete without the `href` attribute. This attribute stands for *hyperlink reference* and is used to link to a *path*, or the address to where a file is located (whether it is on your computer or another location). The paths provided to the `href` attribute are often URLs.

```
<a href="https://www.wikipedia.org/">This Is A Link To Wikipedia</a>
```

In the example above, the `href` attribute has been set to the value of the URL `https://www.wikipedia.org/`. The example now shows the correct use of an anchor element.

When reading technical documentation, you may come across the term *hyperlink*. Not to worry, this is simply the technical term for link. These terms are often used interchangeably.

☒ Instructions

1. After the first paragraph, right above the heading that says "Species", add a link that says

Learn HTML: Elements and Structure

index.html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Brown Bears</title>
5 </head>
6 <body>
7 <h1>The Brown Bear</h1>
8 <div id="introduction">
9 <h2>About Brown Bears</h2>
10 <p>The brown bear (<em>Ursus arctos</em>) is native to parts of northern Eurasia and
    North America. Its conservation status is currently <strong>Least Concern</strong>.<br /><br />
    There are many subspecies within the brown bear species, including the
11 Atlas bear and the Himalayan brown bear.</p>
12 <h3>Species</h3>
13 <ul>
14 <li>Arctos</li>
15 <li>Collarus</li>
16 <li>Horribilis</li>
17 <li>Nelsoni (extinct)</li>
18 </ul>
19 <h3>Features</h3>
20 <p>Brown bears are not always completely brown. Some can be reddish or yellowish. They
    have very large, curved claws and huge paws. Male brown bears are often 30% larger than
    female brown bears. They can range from 5 feet to 9 feet from head to toe.</p>
21 </div>
22 <div id="habitat">
23 <h2>Habitat</h2>
24 <h3>Countries with Large Brown Bear Populations</h3>
25 <ol>
26 <li>Russia</li>
27 <li>United States</li>
28 <li>Canada</li>
29 </ol>
30 </div>
```

Run

https://localhost/

The Brown Bear

About Brown Bears

The brown bear (*Ursus arctos*) is native to parts of northern Eurasia and North America. Its conservation status is currently **Least Concern**.

There are many subspecies within the brown bear species, including the Atlas bear and the Himalayan brown bear.

Species

- Arctos
- Collarus
- Horribilis
- Nelsoni (extinct)

Features

Brown bears are not always completely brown. Some can be reddish or yellowish. They have very large, curved claws and huge paws. Male brown bears are often 30% larger than female brown bears. They can range from 5 feet to 9 feet from head to toe.

Habitat


Countries with Large Brown Bear Populations

- Russia
- United States
- Canada

Countries with Small Brown Bear Populations

Some countries with smaller brown bear populations include Armenia, Belarus, Bulgaria, China, Finland, France, Greece, India, Japan, Nepal, Poland, Romania, Slovenia, Turkmenistan, and Uzbekistan.

Media

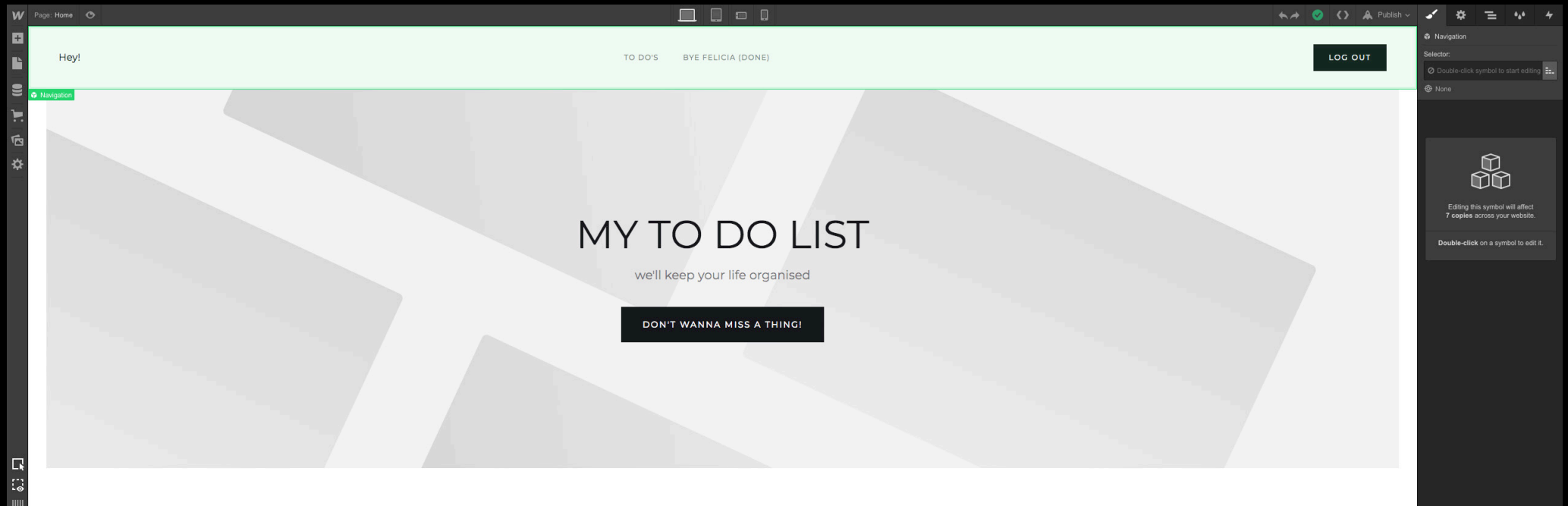


Another platform I used to understand coding better was Webflow. This website is a web-based drag and drop tool for building a site but you can see the back-end side of it. I used this website to understand HTML and CSS better because I'm a visual learner. When I make changes to the site, I open up the HTML and CSS code and compare and study what codes were changed.

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Export Code

HTML CSS JS Assets

```
<body>
<div data-collapse="medium" data-animation="default" data-duration="400" class="
  <div>Hey!</div>
  <div class="navigation-wrap">
    <div class="menu">
      <nav role="navigation" class="navigation-items w-nav-menu"><a href="#" cla
      <div class="menu-button w-nav-button">LOG out</div>
  </a>
</div>
<div class="section cc-store-home-wrap">
  <div class="intro-header">
    <div class="intro-content cc-homepage">
      <div class="intro-text">
```