



EXERCISE GUIDE

All the in-class exercises for each session are compiled here to make it easy for you to refer to. There are many different ways to do a task with code; the sample solutions presented are simply one of the ways to complete the task and not the correct answer. As you are working on an exercise, we encourage you to share your code with others on the slack channel so they can help you with any errors/questions

Exercise 1.1

Task

Replace the text in the header and footer tag with your own content

Solution

```
<header>
  <nav>Navs are used for navbars, and usually wrap around styled lists</nav>
  Welcome to my page!
</header>

<footer>
  <div> Click here for links </div>
  <div>  FAQs </div>
  <div> Contact us </div>
</footer>
```

Exercise 1.2

Task

Try including a paragraph and a h1 tag within an article tag

Solution

```
<article>
  <h1> Article 2 </h1>
  <p> If you would like more information on XYZ and want to read the latest
  news..
  </p>
</article>
```

Exercise 1.3

Task

Create three articles with different text. Try placing one article inside an aside tag and two outside it.

Enclose all content except the header and footer in the main tag

Solution

```
<main>

  <p>All content</p>
  <article>Article 1</article>

  <article>
    <h1> Article 2 </h1>
    <p> If you would like more information on Article 2 and want to read the
latest news..

```

Exercise 1.4

Task

Create your own list and add a heading to the list.

If you finish quickly, try combining an unordered and ordered list.

Solution

```
<h4> My favorite musicians </h4>
<ul>
  <li> Beyonce </li>
  <li> Mabel </li>
  <li> Norah Jones </li>
</ul>

<h4> My favorite musicians </h4>
<ul>
  <li> Beyonce </li>
  <ol>
```

```
        <li> Dangerously in Love </li>
        <li> Lemonade </li>
    </ol>
    <li> Mabel </li>
    <li> Norah Jones </li>
</ul>
```

Exercise 1.5

Task

Add some images to your webpage using a relative path.

Solution

1. Download an image from the web and save in the images folder
Desktop/Code First Girls/Week 1 - HTML/starter-code/img/..
2. ``

Exercise 1.6

Task

Fix the broken HTML:

```
<html lang="en">

<head>
  <meta charset="UTF-8">
  <title>HTML Exercise</title>
</head>
<body>
  <nav>
    <input type="search" name="search" placeholder="Make me clickable">
    <input type="submit" value="Search" disabled>
  </nav>

  <h1>HTML Exercise<h1>

  <p>Fix the elements so everything is working</p>
  Make sure to pay close attention to the following</p>

  <ul>
    <p>Indenation</p>
    <li>Closing tags</li>
```

```
<li>Correctly Nested</li>
<li>File paths</li>
</ul>



<table>
  <thead>
    <th>Name</th>
    <tr>
      <th>Age</th>
      <th>Nationality</th>
    </tr>
  </thead>
  <tr>
    <td>Jane</td>
    <td>21</td>
    <td>British</td>
  </tr>
  <tbody>
    <tr>
      <td>Pierre</td>
      <td>25</td>
      <td>French</td>
    </tr>
    <tr>
      <td>Maria</td>
      <td>24</td>
      <td>Spanish</td>
    </tr>
  </tbody>
</table>

</body>
<footer>
  <a href="http://www.ecosia.org" target="_blank">Open me in a new tab</a>
</footer>
</html>
```

Solution

1. Add the DOCTYPE

```
<!DOCTYPE html>
```

2. Give it a title

```
<!-- before -->
<title></title>
<!-- after -->
<title>HTML Exercise</title>
```

3. Make the button clickable

```
<!-- before -->
<input type="submit" value="Search" disabled>
<!-- after -->
<input type="submit" value="Search">
```

4. Close the h1 element

```
<!-- before -->
<h1>HTML Exercise<h1>
<!-- after -->
<h1>HTML Exercise</h1>
```

5. Open the p tag

```
<!-- before -->
<p>Fix the elements so everything is working</p>
  Make sure to pay close attention to the following</p>
<!-- after -->
<p>Fix the elements so everything is working</p>
<p>Make sure to pay close attention to the following</p>
```

6. Fix the indentation and replace with the correct element

```
<!-- before -->
<ul>
  <p>Indenation</p>
  <li>Closing tags</li>
  <li>Correctly Nested</li>
  <li>File paths</li>
</ul>
<!-- after -->
<ul>
  <li>Indenation</li>
  <li>Closing tags</li>
  <li>Correctly Nested</li>
  <li>File paths</li>
```

```
</ul>
```

7. Fix the file path and add a width

```
<!-- before -->

<!-- after -->

```

8. Fix the nesting

```
<!-- before -->
<thead>
  <th>Name</th>
  <tr>
    <th>Age</th>
    <th>Nationality</th>
  </tr>
</thead>
<!-- after -->
<thead>
  <tr>
    <th>Name</th>
    <th>Age</th>
    <th>Nationality</th>
  </tr>
</thead>
```

9. Fix the nesting

```
<!-- before -->
<tr>
  <td>Jane</td>
  <td>21</td>
  <td>British</td>
</tr>
<tbody>
  <tr>
    <td>Pierre</td>
    <td>25</td>
    <td>French</td>
  </tr>
  <tr>
    <td>Maria</td>
    <td>24</td>
    <td>Spanish</td>
  </tr>
</tbody>
<!-- after -->
<tbody>
  <tr>
```

```
<td>Jane</td>
<td>21</td>
<td>British</td>
</tr>
<tr>
  <td>Pierre</td>
  <td>25</td>
  <td>French</td>
</tr>
<tr>
  <td>Maria</td>
  <td>24</td>
  <td>Spanish</td>
</tr>
</tbody>
```

10. Fix the nesting and open in a new tab

```
<!-- before -->
</body>
  <footer>
    <a href="http://www.ecosia.org">Open me in a new tab</a>
  </footer>
</html>
<!-- after -->
  <footer>
    <a href="http://www.ecosia.org" target="_blank">Open me in a new tab</a>
  </footer>
</body>
</html>
```