Activity: Read and Write (HTML)

Today, I want you to learn more about how to write HTML by analyzing and copying an example!

Part 1

1. Start by going to w3.cs.jmu.edu/wangid/act02/mypage.html

2. Take a look at the page, its layout, and its content.

3. Right-click the "Woof?" text and click **"Inspect".**

    - This should bring up the developer tools and show the source code alongside the rendered page.

    - Look at the line of code that is highlighted. It corresponds to the "Woof?" text!

4. Select the element picker 🔲 in the dev tools pane (Ctrl+Shift+C or Cmd+Shift+C)

    - Move your cursor around the page. It highlights the code for each selected element.

5. Take a look at this code snippet from the page:

```
<p>
  I hope you will enjoy
  taking this class with me!
</p>
```

    - What is different about the formatting in the code above vs. what is rendered on the page?

6. Use the element picker and source code to answer the following questions:

    - What do the **h1, h2, h3**, etc. tags do? What is the difference between them?

    - What does the **br** tag do? What is interesting about this tag? (Hint: Anything "missing"?)

    - What do you think the **p** tag does/mean?

    - What do the **b** and **i** tags do?

    - What tag is for **links**? What tag is used for **images**? What do you need to include inside the tag to reference a specific linked page or image?

    - What does the **title** attribute do for an *image*? What do you think the **alt** attribute does? (Hint: hover your mouse over the image on the page)

    - How do you make an **ordered**/numbered **list**? How do you make an **unordered**/bullet **list**?

Part 2

1. **Minimize the page and its source code**. Now, we're going to "code in the dark".

2. Open Notepad, TextEdit, or another plain text editor (Vim?) that does not have any IDE assistance.

3. Start by typing the basic template code here (you should maybe try to memorize this too):

```html
<!DOCTYPE html>
<html lang="en">

  <head>
    <title>YOUR NAME's Page</title>
    <meta charset="UTF-8">
  </head>

  <body>

  </body>

</html>
```

4. Your goal is to make a page that **looks like the following**:

Hi, I'm YOUR NAME.

I like coding in the **dark.**

Hobbies

I *also* like to:

1. Play video games
2. Watch Netflix
3. Sleep

Links

Check out:

- [Netflix](#)
- [My Homepage](#)
- [A Wikipedia Article About Me](#)

5. Of course, not *exactly*. **Make the page reflect you!** Have at least three items in both lists.
   - Put in your own hobbies instead of those three.
   - Make the links relevant to you (e.g. your social media, favorite sites, etc.)
   - Replace YOUR NAME with... well, your name.

6. <u>Once you've tried your best</u>, save the page as **mypage.html** and open it in a web browser to check.
   - Afterwards, use VS Code to make any corrections. Feel free to reference my page too!

7. Submit **mypage.html** to **<u>Canvas</u>** when you're done.