

## Challenge1: Navbar Bio

This assignment is intended for you to understand the basics of HTML, CSS, and how to use the Validator. You will be able to complete this challenge by using the content from the course and reading online resources. Please complete the requirements listed below.

### Essential Requirement:

- The filename should be named "YournameHNavbarBio.html". Replace yourname with your real name. For example, my name is Hao, my filename would be "HaoHNavbarBio.html". This requirement will be applied to every assignment, therefore always remember to rename your file accordingly.
- Write and complete the following comment in your HTML document:

```
<!-- name:  
      date:  
-->
```

- Do not use inline CSS.

### Requirements:

#### HTML:

1. Create a blank HTML5 document containing **5 Required tags** that is covered in class. Your document should have an **".html" extension**.
  2. **Specify your character encoding** for your HTML document as **UTF-8**. Read more at:  
[https://www.w3schools.com/tags/att\\_meta\\_charset.asp](https://www.w3schools.com/tags/att_meta_charset.asp)
  3. Read about how to create a navbar for your page at:  
[https://www.w3schools.com/css/css\\_navbar.asp](https://www.w3schools.com/css/css_navbar.asp)
    - a. Create a Horizontal style Navbar
    - b. [https://www.w3schools.com/css/tryit.asp?filename=trycss\\_navbar\\_horizontal](https://www.w3schools.com/css/tryit.asp?filename=trycss_navbar_horizontal)
- You should have at least:
- i. One "Home" button that links to this page
  - ii. One "Challenge1" button that links to the page you made in challenge 1
  - iii. Put a background color behind the navbar
  - iv. Add an Active class to the current class and change the background color (To make sure you know which page you are currently viewing)
  - v. Make sure if you hover over the button it will change color
- c. Make sure to have the navbar in both pages, so when you are in challenge 1 page you can get back to the home page.
4. Create a **Heading** In your document **body**. Inside the heading please write your **full name**.

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5. Create at least 1 **paragraph** in your document **body** (hint: use **HTML paragraph tag**).
  - a. **First paragraph** should contain:
    - i. A short description about yourself
    - ii. Write about your favorite hobbies or what you like to do in your spare time, whatever else you want to add.
    - iii. You will use html classes to identify your paragraphs instead of ID's, give your first paragraph the class "bio".
  - b. If you need more content on your page, look at the lorem ipsum generator
    - i. <http://www.lipsum.com>

**CSS:** Remember, use internal or external stylesheets. Inline CSS should not be used. HTML styling should also be avoided (i.e. <center></center>, etc.)

1. Heading:
  - a. Make your **heading** in the **right of your page**
  - b. Change your **heading color to any color other than black**
  - c. Create **double border** around it of any size and color.
  - d. Change the page background to something nice, you may use a gradient, solid color, or image, but make sure it is not just set as white.
2. Paragraph 1:
  - a. Use the CSS selector to select the paragraph's class (completed in 5a above)
  - b. Change the font color to something other than black
  - c. Create **dashed border** around it of any size and color.
  - d. Change the font family to something other than the default

**Note:** You should add as many other styles, images, and changes as you see fit, think: if this were your personal portfolio, how would you design your home page?

**Your document must pass the validator.** To fulfill this requirement, you will need to add more tags and/or content inside of the 5-required tag(s).

- The **Validator** that we will be using is <https://validator.w3.org/>.
- Go back to Challenge1 to see the required steps to use the validator
- Make sure you get the success message: "No errors or warnings to show."

**Hint:** Use Google! You can find all the answers and syntax online. w3schools.com is very reliable and useful for all basic web development. (<https://www.w3schools.com/>)

### Performance Supports:

- HTML Tags: [https://www.w3schools.com/html/html\\_intro.asp](https://www.w3schools.com/html/html_intro.asp)
- HTML Heading: [https://www.w3schools.com/html/html\\_basic.asp](https://www.w3schools.com/html/html_basic.asp)

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- HTML Heading continued: [https://www.w3schools.com/html/html\\_headings.asp](https://www.w3schools.com/html/html_headings.asp)
- HTML Paragraph: [https://www.w3schools.com/html/html\\_basic.asp](https://www.w3schools.com/html/html_basic.asp)
- HTML Paragraph continued: [https://www.w3schools.com/html/html\\_paragraphs.asp](https://www.w3schools.com/html/html_paragraphs.asp)
- HTML Link: [https://www.w3schools.com/html/html\\_basic.asp](https://www.w3schools.com/html/html_basic.asp)
- HTML Link continued: [https://www.w3schools.com/html/html\\_links.asp](https://www.w3schools.com/html/html_links.asp)
- HTML Elements: [https://www.w3schools.com/html/html\\_elements.asp](https://www.w3schools.com/html/html_elements.asp)
- HTML List: [https://www.w3schools.com/html/html\\_lists.asp](https://www.w3schools.com/html/html_lists.asp)
- HTML ID: [https://www.w3schools.com/html/html\\_css.asp](https://www.w3schools.com/html/html_css.asp)
- Internal CSS: [https://www.w3schools.com/html/html\\_css.asp](https://www.w3schools.com/html/html_css.asp)
- CSS Selector: [https://www.w3schools.com/css/css\\_syntax.asp](https://www.w3schools.com/css/css_syntax.asp)
- CSS Border: [https://www.w3schools.com/css/css\\_border.asp](https://www.w3schools.com/css/css_border.asp)
- CSS Align: [https://www.w3schools.com/css/css\\_align.asp](https://www.w3schools.com/css/css_align.asp)
- CSS Colors: [https://www.w3schools.com/css/css\\_colors.asp](https://www.w3schools.com/css/css_colors.asp)

PLEASE SUBMIT YOUR FILE TO MY WECHAT ACCOUNT **BEFORE TUESDAY**. GOOD LUCK!