# Test 2, Web Design Take Home Test

**TASK:** Using the “public speaking” theme from Test 1, you will create a responsive homepage with a similar layout.

**IMPORTANT** notes:

* There will be a some latitude for you to make some design decisions, but please be careful and make sure that you satisfy the minimum.
* It is best to start fresh instead of using your old test because there are some changes.
* You will be instructed on how to upload it to your stu.cofc.edu account. However, you will not list it on your assignment page. Instead, you will name it in a special way and use OAKs to let me know what your URL is.

## Layout:

Graphical user interface, text

Description automatically generated with medium confidence Graphical user interface, website

Description automatically generated

## Prepare

1. Download and unzip the files from [moorec.people.cofc.edu/speak\_responsive.zip](http://moorec.people.cofc.edu/speak_responsive.zip)
2. Rename the folder to your grandmother’s birth month and day. (It’s OK to make it up.)  
   E.g., my grandma is 0513 for May 13th
3. Description of files:
   * **LargeHero.jpg** is the hero image
   * **index.txt** will be pasted into your index.html file

## Procedure and Requirements:

### The HTML

1. Create an HTML file with the <title> of “Public Speaking” and save the file as **index.html**
2. Link a CSS file and call it **test2.css**
3. Create a nav element, which is on top of the wrapper.
4. Create a <div> with the id **wrapper**
5. Using the illustration above as a guide, complete the remaining divs.   
   (You will configure the CSS later.)
6. For the **header** and **h1**, type “Mastering Public Speaking”
7. Create the navigation with **unordered listing**. The links in the **nav** element are as follows:

Home “index.html”  
Delivery “#“  
Writing “#“  
Resources “#“

1. In a <div> with the **id** **heropic**, insert the image **LargeHero.jpg.**  You will later use CSS to make it responsive.
2. Paste the text of the **index.txt** into **column1** and **column2** divs.   
   (It does not matter whether you keep the original comments or not.)
3. In the footerelement, type “Copyright © 2022. All rights reserved.” and your linked email address. Use a line break or paragraph to separate the lines.
4. Create the following table at the bottom of #column2. You will set the styles later.

**NOTES:**\* The first row has <th> cells  
\* The last row spans 2 columns.

Table

Description automatically generated

### Color Scheme and Fonts

* Develop a color scheme based off of 3 colors.
* The colors must be hexadecimal or RGB. Do not use color names.
* Paste your color palette in a comment at the top of your CSS page.
* Then apply the **60-30-10 color rule** in implementing it. (We only discussed this in the 10:30 class, but everyone can use Google to learn more about it.)   
  It’s OK to add neutral colors to your 3 colors.
* Fonts
* Choose two Google fonts. One will be used for body and the other for headings.

### The CSS file

1. body
   1. Set the background color as desired
   2. Set the primary font using one of your Google fonts
2. p and li
   1. Configure a multiple selector to set the **p** and **li** elements to a 150% line height.
   2. Change the text to a grayscale color [other than black.](https://uxmovement.com/content/why-you-should-never-use-pure-black-for-text-or-backgrounds)
3. h1 and h2
   1. Use one of your Google fonts to configure your headings
   2. Optional: change color if desired.
4. #wrapper
   1. Set the width to 80%
   2. Set the maximum width as 1200px;
   3. Center the wrapper div. (Do not center the text.)
   4. Set the wrapper top padding to 60px to accommodate the fixed nav.
   5. Set background color as desired.
5. nav
   1. Center the navigation text
   2. Set padding to 10px all around
   3. Configure a background color as desired.
   4. Create a **fixed navigation** that is 100% of the viewport. Offset at **top** and **left** of 0px.
6. #heropic
   1. Configure the #heropic as responsive

### Horizontal Navigation configuration (descendant)

Not too much fanciness here. Simply make the nav horizontal and set the other typical styles. (It’s similar to Figure 6.32)

* 1. Remove the bullets from the unordered list
  2. Display the list items as inline-block
  3. Remove the underlines from the anchor
  4. Change font color of anchors if needed
  5. Add a left & right padding of 8px to the anchor tag
  6. Format as bold

1. Descendant h1 in header
   1. Increase the h1 text size to 55px
   2. Center the h1
   3. Set the color, even if you choose black
   4. Add a shadow of your choice to the h1. You may keep it subtle if you wish.
2. main
   1. Set main **display** to flex
   2. Set **direction** to row
3. #column1
   1. Configure column1 with a flex of 6 (note that the columns will be 60%/40%)
   2. Add **padding** of 1.5em all around.
   3. Add a **margin** of 1em all around
4. #column2
   1. Configure column2 with a flex of 40%
   2. Add **padding** of 1.5em all around.
   3. Add a **margin** of 1em all around
   4. Set a **background** color based on your color scheme.
   5. Set the border radius to 8px.
5. Table styles
   1. Set the **table** width to 90%
   2. *The width of each column does not matter because we did not cover that in class.*
   3. **Optional**: change table background color;
   4. Shade the first row by adding a background color to the **th** element
   5. Add cell **padding** of your choice
   6. Set a border around the **table**
   7. Set a border around the **th** and **td**
   8. Collapse the **table** borders
   9. Set a hovering background on each row except the first. We’ve never done this in class, but it gives you another chance to use two types of pseudo classes. Here’s how: [www.youtube.com/watch?v=VR36oHvWO5M](https://www.youtube.com/watch?v=VR36oHvWO5M)
6. footer
   1. Add a border on the top only
   2. Center the text
   3. Set the height to 125px
7. Media queries  
   You will create **one set of media queries** for smaller devices.
   1. Set the break point of maximum 550px. Then configure these specifications:
      * Remove the minimum widths for **all** elements. (use wildcard)
      * Set the **h1** font size to 30px
      * Set the **#wrapper** width to 100%; then set the top padding to 20px;
      * Set **main** flex direction to column
      * Set **nav** position to **static** so that navigation will no longer be fixed.
      * Set the **nav** width to auto
      * I know you’re tired. So, type this: #column1, #column2 {margin: 0; padding: .5em;}

* Don’t forget to validate your page.

### SUBMITTING INSTRUCTIONS

* If you haven’t done so yet, put your test folder into your assignment folder
* Upload using FTP.
* Do not list it on your assignment page. Go to the Assignment Dropbox called **Test 2 Responsive Speaking** and type your URL.