

monument LAB

WEEKLY OVERVIEW

WEEK 3

Layout Lab / Layout Lab & Wireframing

WEEK 4

Responsive Design / CSS Positioning & Animation

LEARNING OBJECTIVES

- Practice web development by transforming a design comp into a webpage

AGENDA

Review

Debugging & Googling

Monument Lab

Final Project Overview / Homework Requirements

FINAL PROJECT OVERVIEW

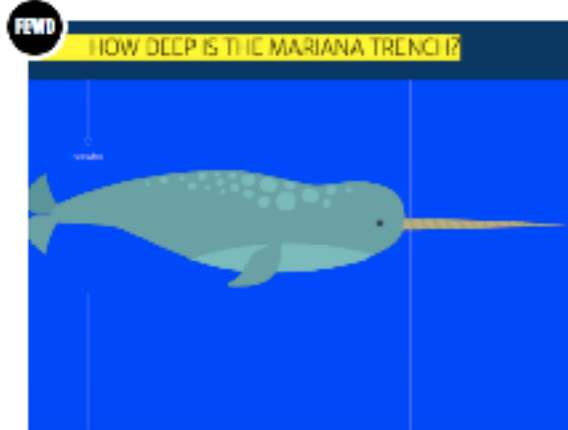
WHERE CAN I FIND PAST EXAMPLES?



Front End Web Development

All Cities

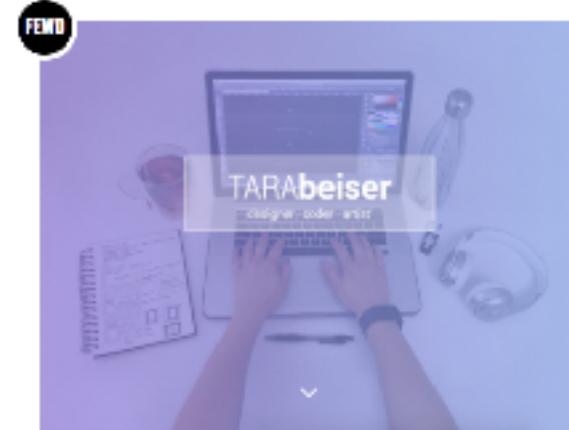
LOGIN



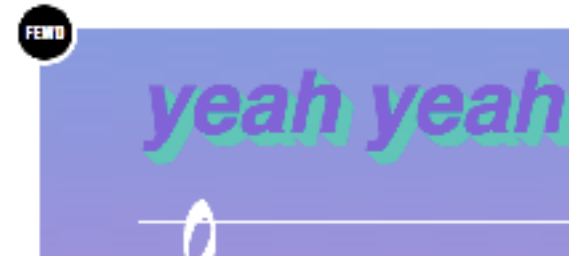
DEPTH OF THE MARIANA TRENCH NYC
by Calie Myers-Wood



HELEN MACDOUGALL STD
by Helen MacDougall

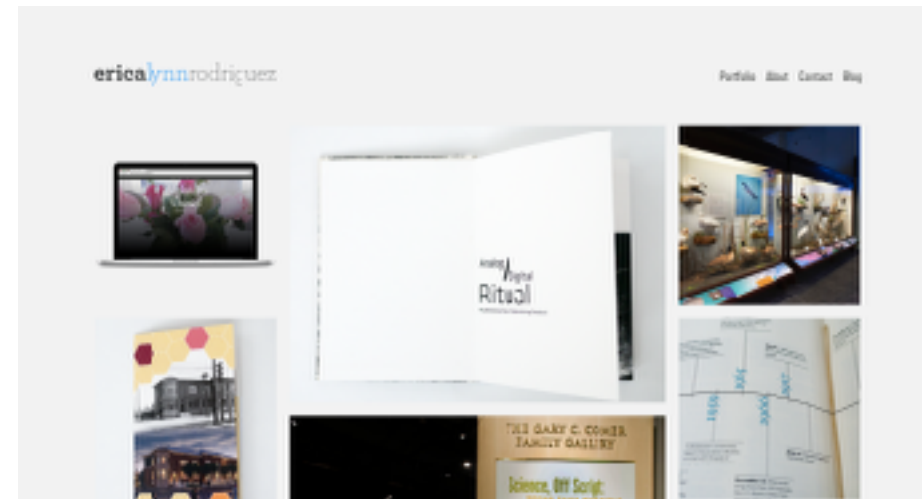
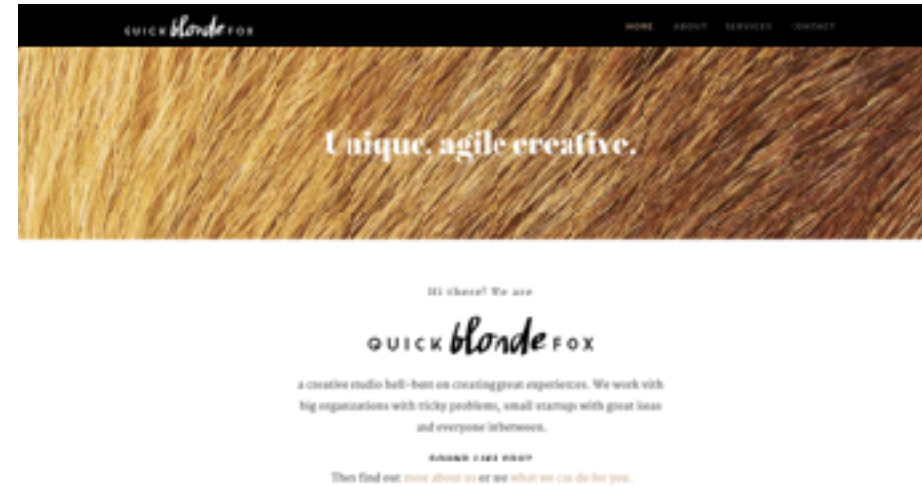


ONLINE PORTFOLIO LA
by Tara Beiser



WHAT KINDS OF PROJECTS TRADITIONALLY MAKE FOR GOOD FINAL PROJECTS?

Portfolio Sites



WHAT KINDS OF PROJECTS TRADITIONALLY MAKE FOR GOOD FINAL PROJECTS?

Sites about hobbies or sites just for fun/practice.



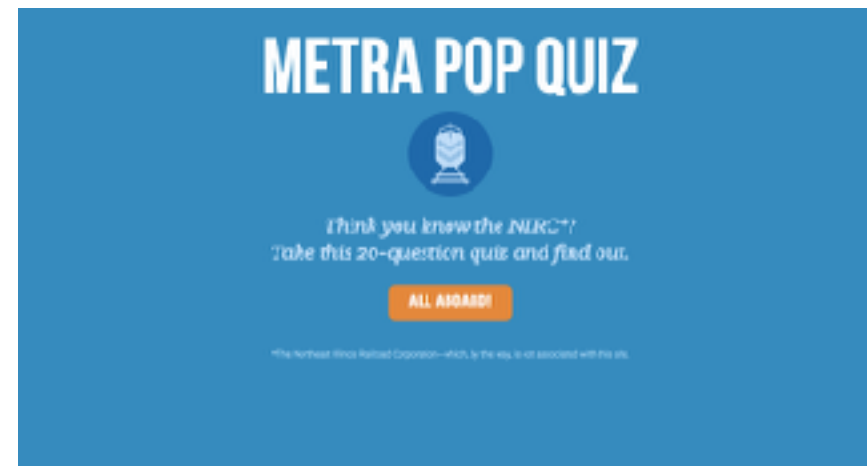
WHAT KINDS OF PROJECTS TRADITIONALLY MAKE FOR GOOD FINAL PROJECTS?

Redesign an existing site for family/friends or just any business with an ugly site :)



WHAT KINDS OF PROJECTS TRADITIONALLY MAKE FOR GOOD FINAL PROJECTS?

Quiz Site / Game



PROJECTS TYPES IF YOU WANT A CHALLENGE

PREMIERish

Home League Table & Fixtures

Latest
The Season Starts on August 13th

Strike out the conversation! The start of a football season, think what a fast approaching and with it the start of a season under the rule of a new new king. The season begins in earnest on the premier league, United City, and two teams that have received their names and received new coaches. They will also have the added challenge and pressure of competing in the Champions League. There is plenty to look forward to, but honestly, all eyes about right now (perhaps the best new kit, Spiller, it's not Tottenham).

The Rise of Rulers
The sun never sets on the Beautiful Game

Pos	Club	GP	WD	W
1	Liverpool	10	10	10
2	Bournemouth	10	10	10
3	Burnley	10	10	10
4	Manchester City	10	10	10
5	Crystal Palace	10	10	10
6	Everton	10	10	10
7	Leeds	10	10	10
8	Leeds	10	10	10
9	Leeds	10	10	10
10	Leeds City	10	10	10
11	Leeds City	10	10	10
12	Leeds City	10	10	10
13	Leeds City	10	10	10
14	Leeds City	10	10	10
15	Leeds City	10	10	10
16	Leeds City	10	10	10
17	Leeds City	10	10	10
18	Leeds City	10	10	10
19	Leeds City	10	10	10
20	Leeds City	10	10	10

WEARCAST November 15, 2016 at 10:17 PM

What is your location?

ENTER ZIP CODE OR CITY, STATE

Select your desired measurement: ☐ F ☐ C


[GET WEATHER](#)

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World Hunger THE LATEST REPORT
in the United States

\$160 BILLION: THE HEALTH COSTS OF HUNGER IN AMERICA

[Read more](#)



WHERE YOU SHOULD BE

- You should have your final project idea finalized by the end of the week
- Take a look at the final project gallery for some inspiration
- Look at some sites on [Site Inspire](#) for inspiration
- Start planning — come to class next week with a list of the different pieces of content you plan to include in your final project

REVIEW

BACKGROUND IMAGES

To add a background image:

```
background-image: url("../images/header-bg.jpg");
```

To make the background image scale with the container:

```
background-size: cover;
```

To specify a position:

```
background-position: right top;
```

```
background-position: bottom;
```

STYLING ANCHORS — GUIDELINES

Make a **block** or **inline** element flow like an **inline** element, while allowing us to set a width, height, padding, and margin:

BEFORE:

Monday

Tuesday

Wednesday

```
li {  
  display: inline-block;  
}
```

Monday

Tuesday

Wednesday

- Elements will sit on a line next to each other
- **We can now set a width, height, and margin & padding on top and bottom!!**

DISPLAY

```
<div class="container">  
  <section>  
    <p>Content here</p>  
  </section>  
  <aside>  
    <p>Content here</p>  
  </aside>  
</div>
```

DISPLAY

```
.container {  
  display: grid;  
}
```

GRID-TEMPLATE-COLUMNS

```
.container {  
  display: grid;  
  grid-template-columns: 1fr 2fr 1fr;  
  grid-gap: 20px;  
}
```

FEWD

DEBUGGING

GOOGLING IT!

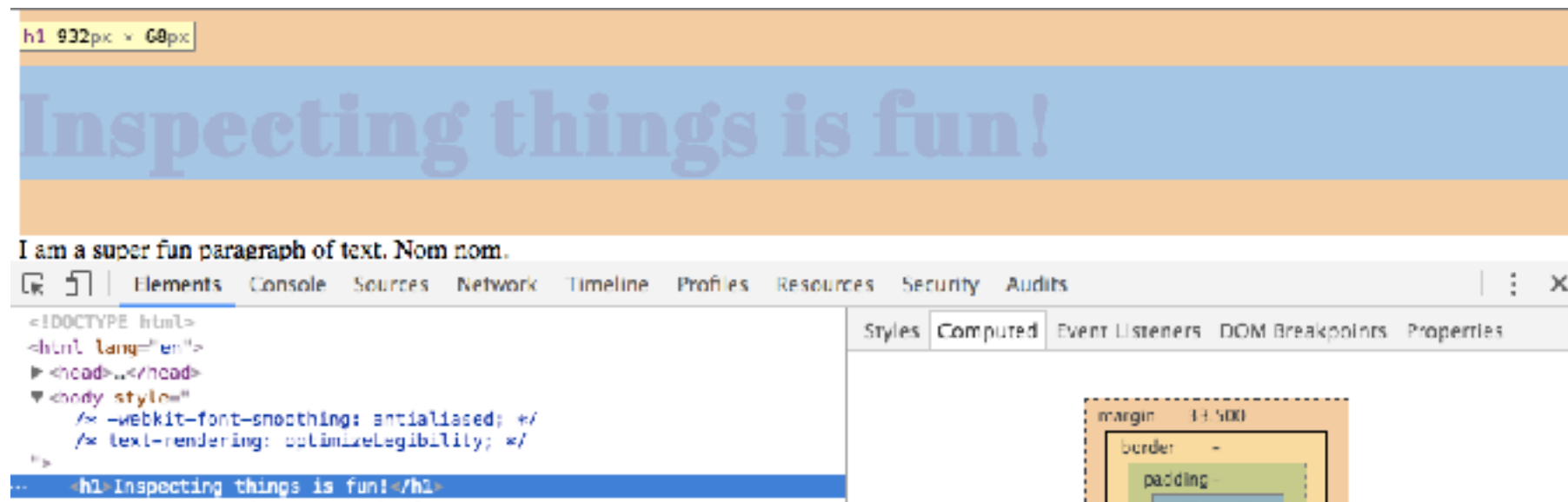
<https://codepen.io/sarahholden/pen/dZbRbe?editors=1100>

DEBUGGING STEPS

1. Make sure all files are saved in Atom
2. Use the inspector. Right click on what's not working and click "inspect"
3. Scan through the related code in Atom and look for any coloring that is "off" in your theme
4. Run the code through an [HTML5](#) or [CSS](#) validator to catch errors
5. Check your selector in CSS

VISUALIZING DIMENSIONS

One of the things I find most helpful when working through layout issues is to hover over different elements and see where everything is.



monument LAB

	DESCRIPTION
HEADER	Does it contain introductory content, such as the site title and navigation?
NAV	Does it contain a major navigational block?
FOOTER	Does it contain footer content?
MAIN	Does it contain content that is unique to that particular page?
ARTICLE	Is it self-contained, standalone content? Would it make sense on its own?
ASIDE	Is the content not required to understand the rest of the page?
SECTION	Is it a general section of the page that could have a heading?
DIV	Do you need a wrapper for styling and none of the above apply?



PLANNING – MONUMENT



EXERCISE

KEY OBJECTIVE

- Demonstrate the ability to plan and build a website

PLANNING

8 min

1. What are the base text styles for the page? (font-family, color, background-color, text-transform, text-align, etc.)
2. What are the base styles for headings? (Font, color, text-transform, text-align, etc.)
3. Are there base styles for anchors on the page? (font, color, text-decoration, text-transform, text-align)

GOOGLE FONTS

1. Go to the Google Fonts website and click the + button next to the fonts you want to use
2. Click the tab that pops up at the bottom:



3. Click the "customize" tab and choose the font weights you'll need
4. Click the "@import" tab
5. Copy the code *inside* of the <style> tags and place it at the TOP of the CSS panel in CodePen.
6. To use these fonts, use the font-family property and the name of the font within quotes:

```
body {  
  font-family: 'Raleway', sans-serif;  
}
```

```
p {  
  font-family: 'Lato', sans-serif;  
}
```

LAB – MONUMENT



EXERCISE

LAB SESSION

1. Hook up Google Fonts (Lato 400 and Raleway 400 and 600).
2. Add the FontAwesome icons (a link to the FontAwesome library has already been added in the head of the HTML file for you)
3. Add base Styles (base fonts, colors, etc.) under the body selector in your CSS file
4. Add base styles for anchors, headings, and type
5. Get everything where it needs to be! Add in multi-column layouts for the "Articles" and "Gallery" portions on the page
6. Style everything else!

LAB – MONUMENT



EXERCISE

BONUS TASKS (GIFS IN STARTER CODE)

1. Add a hover effect to anchors, buttons, social media icons. Extra bonus: Look up "transition effect hover CSS") to add a smoother transition to hover effects.
2. Turn the nav into a "sticky nav" so that it stays fixed while the user scrolls.
3. Create a fixed background effect on scroll for header image
4. Add an effect to the images in the gallery on hover. For a simple effect, try updating the opacity on the images to .7 on hover.
5. Google and implement "Jump Links HTML" so that clicking on a nav item jumps you to that section of the page

LEARNING OBJECTIVES

- Practice "debugging" using Chrome Dev Tools
- Practice web development by transforming a design comp into a webpage.

WEEKLY OVERVIEW

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HTML BASICS

EXIT TICKETS