Assignment 3 tips

Layout

So here's how I would section the page.

header

Relaxr   About   FAQ   Team   Contact Us   Blog

main

div

aside

How I implemented Relaxr in 2 weeks and changed my life.

Categories
Success stories
Stats
How tos
Best of
Business tips

About Relaxr

Proin sed justo vel sapien varius auctor. Proin scelerisque massa et luctus tincidunt. Fusce porttitor, sapien sed tincidunt fringilla. **Learn More**

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Ad Unit

Read more >

I traveled across the globe thanks to Relaxr's Excel auomation

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Read more >

footer

Sign Up Now!

Relaxr

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What does this look like in HTML

```
<header>

</header>
<main>
        <div>

        </div>
        <aside>

        </aside>
</main>
<footer>

</footer>
```

I have wrapped the whole main content area in <main> and then wrapped the articles in a <div> and the sidebar content in an <aside>

You may decided to do this instead:

```
<header>

</header>
<main>

</main>
<aside>

</aside>
<footer>

</footer>
```

That's fine!

But I personally like to keep the <header><main><footer> simple, i.e. all content between <header> and <footer>belongs inside the <main>

Even in my example you could drop the <div> and still achieve the layout so:

```
<header>

</header>
<main>

        <aside>

        </aside>
</main>
<footer>

</footer>
```

In this case your <article>s would just sit inside <main> above the <aside>

Eg:

<header>

</header>
<main>
        <article>
                <!-- article 1 -->
        </article>
        <article>
                <!-- article 21 -->
        </article>
        <aside>

        </aside>
</main>
<footer>

</footer>

But my way makes it easier to achieve the layout and also gives future option to change background colour of that part.

Header layout

Some of you have also had difficulty with the logo and nav layout

So its very similar to floating images within content like this example: http://codepen.io/team/css-tricks/pen/9fbe5755324cb9d3ca4a4060fdcd3058

Let's start with the HTML:

Hopefully no mystery here:

```
<header>
    <div class="logo">Relaxr</div>
    <nav>
        <ul>
            <li><a href="/about/">About</a></li>
            <li><a href="/faq/">FAQ</a></li>
            <li><a href="/about/">Team</a></li>
            <li><a href="/about/">Contact US</a></li>
            <li><a href="/about/">Blog</a></li>
        </ul>
    </nav>
</header>
```
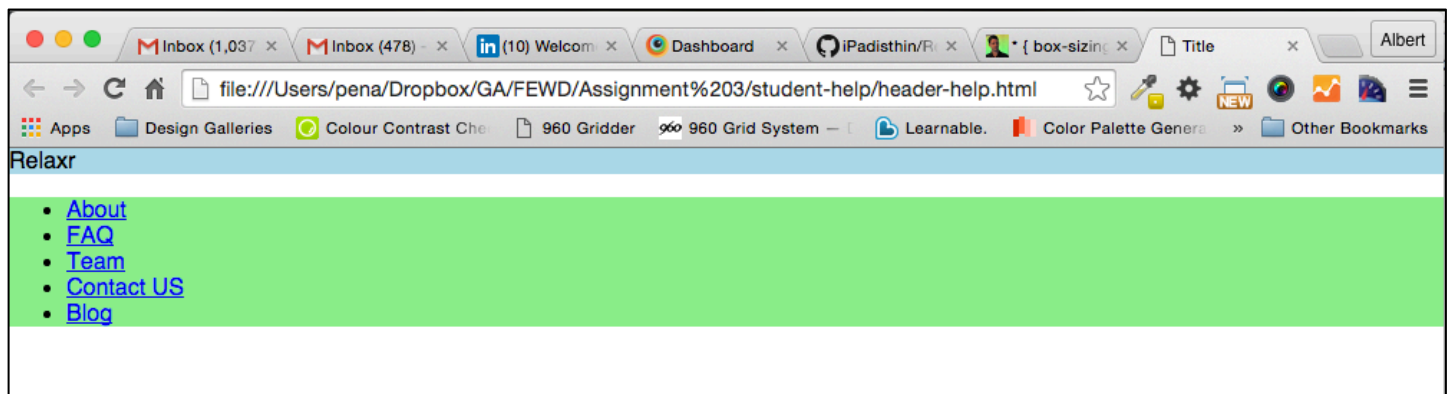
So you can see what's happening I'm going to give <div class="logo"> and <nav> background colours.

The CSS:

```css
/* apply a natural box layout r
html {
    box-sizing: border-box;
}
*, *:before, *:after {
    box-sizing: inherit;
}

.logo {
    background: lightblue;
}
nav {
    background: lightgreen;
}
```

(Note: Hopefully you all remembered to use the border-box styles in your assignment to save you from box model grief)
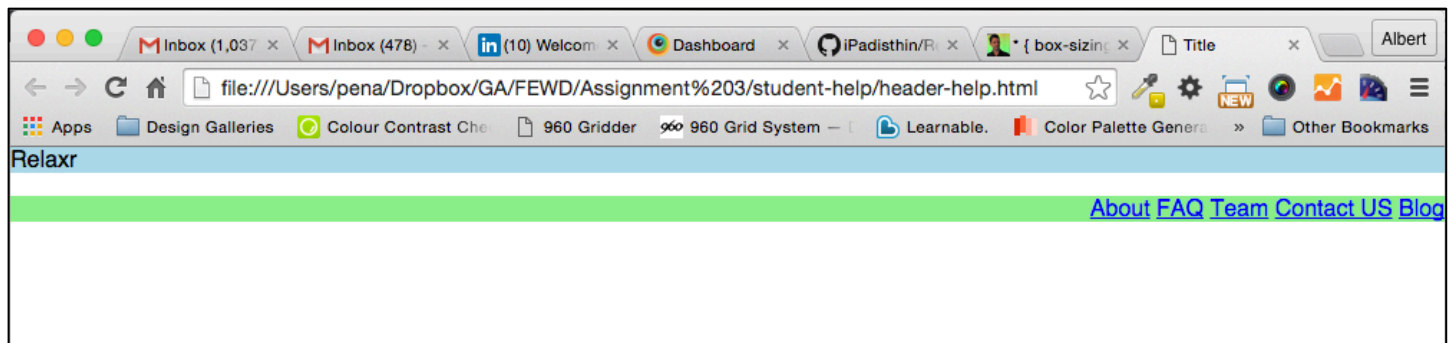
This looks like this:

That white space between <div class="logo"> and <nav> is due to the top margin of the

So lets first get rid of the <li> bullets, make them horizontal and align them right.

```css
nav {
    text-align: right; /* align text within me right */
}
nav li {
    list-style-type: none; /* no bullets please */
    display: inline; /* make <li>'s act like inline elements
                        rather than block elements */
}
```
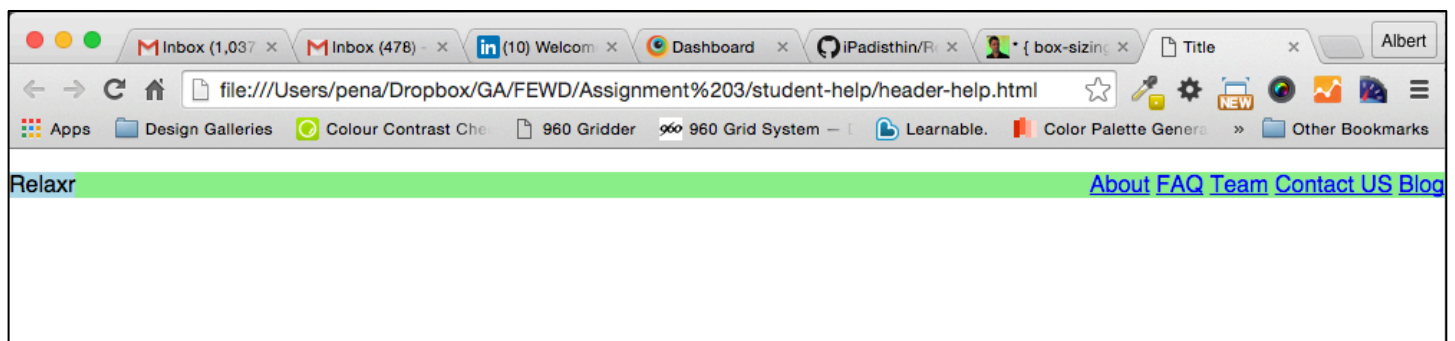
What does this look like now:

So now I'm going to float the <div class="logo"> left:
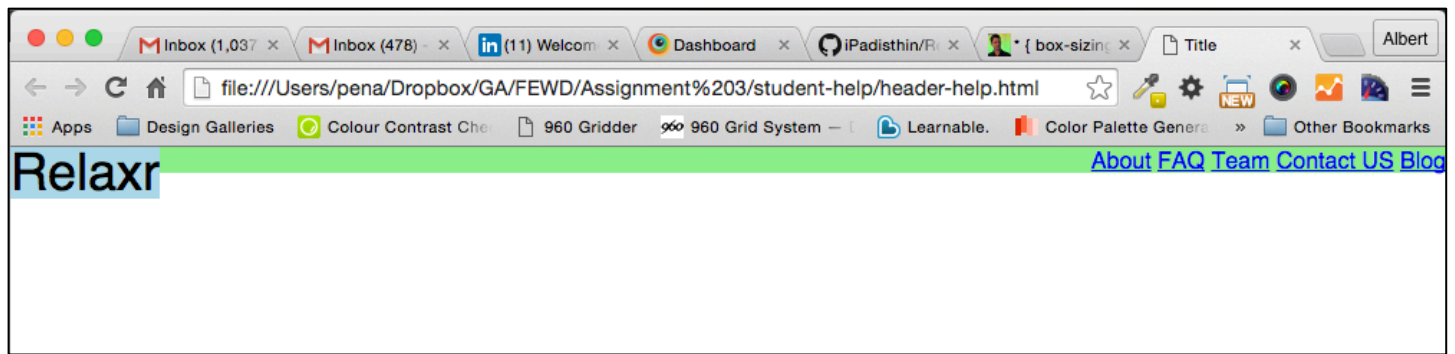
```css
.logo {
    float: left;
}
```

What do I get:

BOOM!

Ok I'm going to make font sizes as per the jpg, looks like from measuring in photshop Logo text is 36px and Nav text is 16px so I'll convert to em by 36/16 = 2.25, 16/16 = 1 (because 16px is base font size). I'm going to set the line height for both to 1, so that my line height is the same as my font size.

I'll also remove default padding and margin from the

```css
.logo {
    float: left;
    font-size: 2.25em; /* 36px/16px */
    line-height: 1;
}
nav ul {
    padding: 0;
    margin: 0;
}
nav li {
    font-size: 1em; /* 16px/16px */
    line-height: 1;
}
```
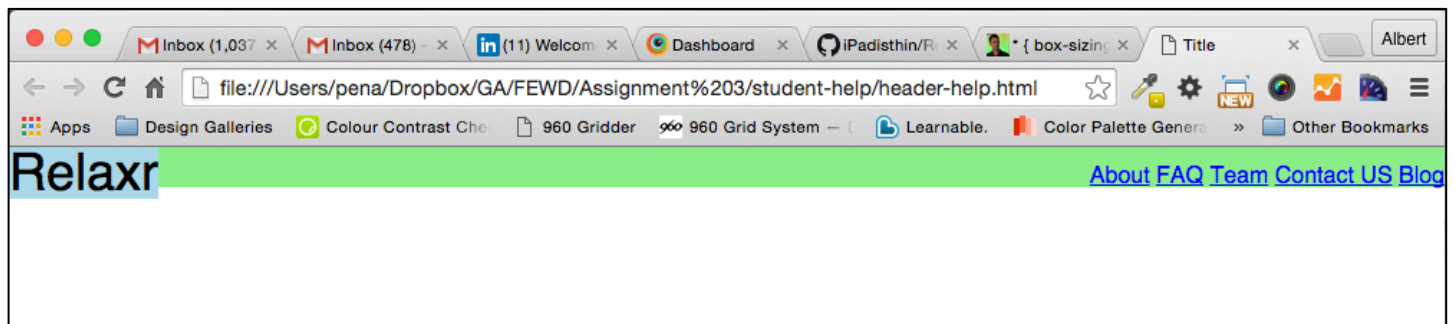
Now it looks like this:

So to make the <nav> vertically align with the logo text I just need to add the right amount of top padding or margin. I'll use padding to avoid any margin collapse issues.

So Logo text is 36px and nav text is 16px, so I need 10px top padding which is 10/16=0.625em

```css
nav {
    padding-top: 0.625em;
}
```

Gives me:

You should be able to take it from here!

Remember to have a full width background colour for your header but constrain the content to a maximum width use a wrapper div:

```html
<header>
    <div class="content-container">
        <div class="logo">Relaxr</div>
        <nav>
            <ul>
                <li><a href="/about/">About</a></li>
                <li><a href="/faq/">FAQ</a></li>
                <li><a href="/about/">Team</a></li>
                <li><a href="/about/">Contact US</a></li>
                <li><a href="/about/">Blog</a></li>
            </ul>
        </nav>
    </div>
</header>
```

Then you can set background color for <header> and use:

```css
.content-container {
    max-width: 960px;
    margin: 0 auto;
}
```
.

This constrain content width. You can then do same for other sections too.