STANDARD NAVIGATION: HORIZONTAL

```
Home
Trails
Urban Paths
Getting Here
```

What will be in this demo's navigation

The HTML

1   First, surround each one with the link tag

```
<a href="index.html">Home</a>
<a href="trails.html">Trails</a>
<a href="urban.html">Urban Paths</a>
<a href="directions.html">Getting Here</a>
```

This is the file name. (Remember to name your other pages exactly as you name it here.)

This is the text the users see.

It's case sensitive. Don't use spaces. Also, don't forget to type the `.html`

2   Place each in a list item within an unordered list, using <ul> and <li>.

3   Around everything, place the <nav> element. We'll give it an id of "mainNav" to distinguish it from other navs later on in the page.

```
<nav id="mainNav">
    <ul>
        <li><a href="index.html">Home</a></li>
        <li><a href="trails.html">Trails</a></li>
        <li><a href="urban.html">Urban Paths</a></li>
        <li><a href="directions.html">Getting Here</a></li>
    </ul>
</nav>
```
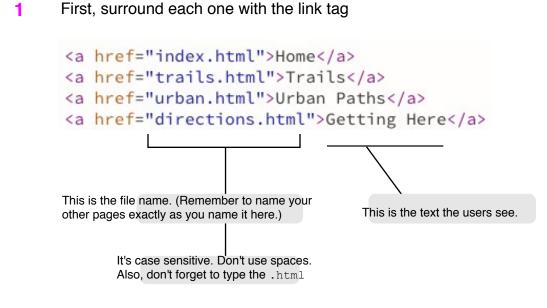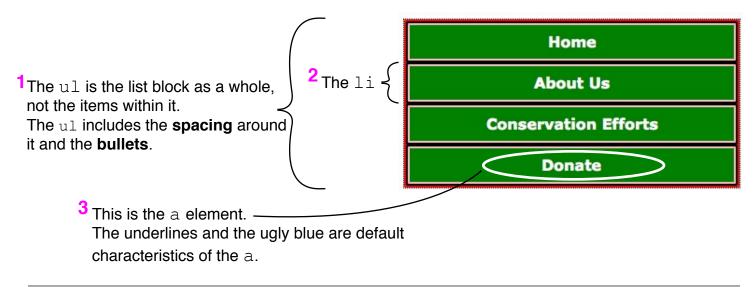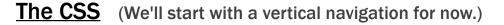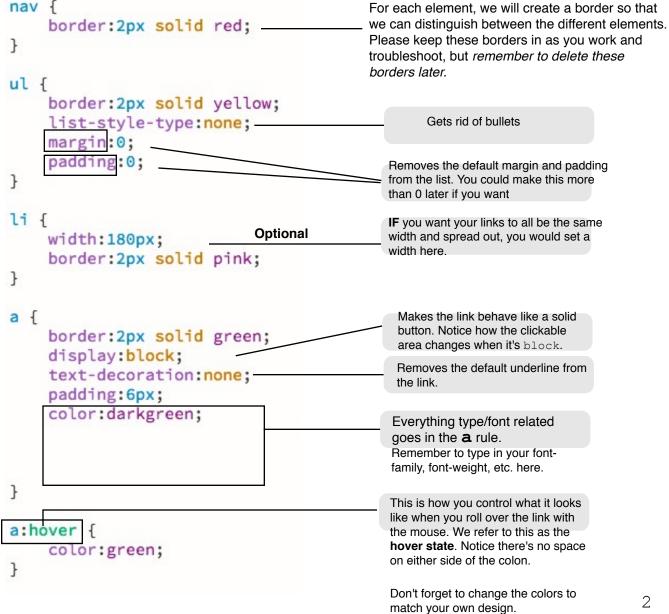
Now, take note of which properties come from which element:

1 The `ul` is the list block as a whole, not the items within it.
The `ul` includes the **spacing** around it and the **bullets**.

2 The `li`

3 This is the `a` element.
The underlines and the ugly blue are default characteristics of the `a`.

Navigation buttons shown: Home, About Us, Conservation Efforts, Donate

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The CSS   (We'll start with a vertical navigation for now.)

```css
nav {
    border:2px solid red;
}

ul {
    border:2px solid yellow;
    list-style-type:none;
    margin:0;
    padding:0;
}

li {
    width:180px;
    border:2px solid pink;
}

a {
    border:2px solid green;
    display:block;
    text-decoration:none;
    padding:6px;
    color:darkgreen;
}

a:hover {
    color:green;
}
```

For each element, we will create a border so that we can distinguish between the different elements. Please keep these borders in as you work and troubleshoot, but *remember to delete these borders later.*

Gets rid of bullets

Removes the default margin and padding from the list. You could make this more than 0 later if you want

Optional

IF you want your links to all be the same width and spread out, you would set a width here.

Makes the link behave like a solid button. Notice how the clickable area changes when it's `block`.

Removes the default underline from the link.

Everything type/font related goes in the **a** rule.
Remember to type in your font-family, font-weight, etc. here.

This is how you control what it looks like when you roll over the link with the mouse. We refer to this as the **hover state**. Notice there's no space on either side of the colon.

Don't forget to change the colors to match your own design.

Before we go further, let's be more specific.
(You are going to have more than one `nav` in the page. Namely, the navigation in the footer.)
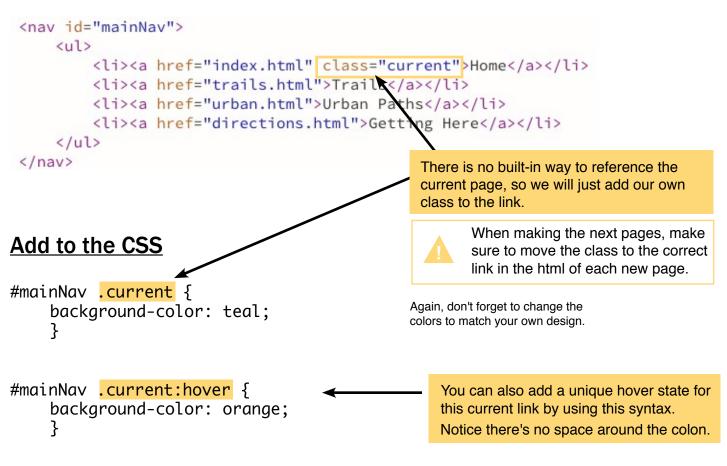
Change nav to #mainNav

```css
#mainNav {
        border:2px solid red;
}
```

Then put #mainNav in front of all the other rules. (The ones you just wrote)

```css
#mainNav ul {
        border:2px solid yellow;
        list-style-type:none;
        margin:0;
        padding:0;
}
#mainNav li {
        width:180px;
        border:2px solid pink;
        display:inline-block;
        margin-left:-4px;
}
```

Now, Let's Adjust the CSS to Make it a Horizontal Nav

AND let's get rid of those pesky little gaps between each list item

(You'll only see those gaps if you put a background-color on the li)
(The gap is a little quirk of the inline-block value. The exact number is related to your font size.)

```css
#mainNav a {
        border:2px solid green;
        display:block;
        text-decoration:none;
        padding:6px;
        color:darkgreen;
}

#mainNav a:hover {
        color:green;
}
```

Creating a Style for the Current Page

Unfortunately, there's no such thing as `a:current`, so we'll do this...

Edit the HTML

```
<nav id="mainNav">
    <ul>
        <li><a href="index.html" class="current">Home</a></li>
        <li><a href="trails.html">Trails</a></li>
        <li><a href="urban.html">Urban Paths</a></li>
        <li><a href="directions.html">Getting Here</a></li>
    </ul>
</nav>
```

There is no built-in way to reference the current page, so we will just add our own class to the link.

⚠️ When making the next pages, make sure to move the class to the correct link in the html of each new page.

Add to the CSS

```
#mainNav .current {
    background-color: teal;
    }
```

Again, don't forget to change the colors to match your own design.

```
#mainNav .current:hover {
    background-color: orange;
    }
```

You can also add a unique hover state for this current link by using this syntax. Notice there's no space around the colon.

In the Footer...

You'll repeat the navigation in the footer, but with a few changes:

• First, copy the navigation from the header and paste it into the footer inner.
• Then, change `#mainNav` to `#footerNav` so you can style it differently.
• Include "Home" as the first link in the footer navigation.
• Remove any button-like styles, making the footer nav look simpler than it does in the header.
• Make sure the font size of the footer nav is smaller than the header nav.

If you want the footer nav to be centered in the footer inner, then...

• Give the `ul` a width that matches how much space it actually takes up (just guess at first).
• Then, use margin left and right `auto` to center it.