

## Web Design and Databases Lab L4 - Week 4

1) **Getting started.** Download [lounge.zip](#) and save it under public\_html. Make sure it is uncompressed properly and in a sensible directory and all subdirectories are present. Bring up the URL, e.g.

<http://www2.macs.hw.ac.uk/~dx112/lounge/lounge.html> (replace with your username).



### Welcome to the Head First Lounge

The Head First Lounge is, no doubt, the biggest trendsetter in Webville. Stop in to sample the eclectic offering of elixirs, teas, and coffees, or, stay a bit longer and enjoy the multicultural culinary menu that combines a harmony of taste, texture, and color with the best in fresh and healthy ingredients.

During your stay at the lounge, you'll enjoy a smooth mixture of ambient and mystic sounds, filling the lounge and adding an extra dimension to your dining experience. The decor surrounds you with the relaxing sentiments of sights from eras past. And, don't forget, the lounge offers free wireless access to the Internet, so bring your laptop.

*Our guarantee: at the lounge, we're committed to providing you, our guest, with an exceptional experience every time you visit. Whether you're just stopping by to check in on email over an elixir, or are here for an out-of-the-ordinary dinner, you'll find our knowledgeable service staff pay attention to every detail. If you're not fully satisfied, have a Blueberry Bliss Elixir on us.*

But that's not all; at night, join us in the backroom as our resident DJ spins a choice selection of trance and drum&bass beats across our spacious tiki-themed dance floor. Or just hang out in one of our comfy white vinyl booths at the dance bar. You can have your elixirs delivered from the main lounge right to the dance floor. If you've had enough of the beat, just head back to the lounge area to relax. And, no matter where you find yourself in the lounge, you'll always be connected with our wireless Internet access.

Now that you've experienced the lounge *virtually*, isn't it time to check us out *for real*? We're located right in the heart of Webville, and we've created some [detailed directions](#) to get you here in record time. No reservations necessary; come and join us anytime.

### Weekly Elixir Specials



Our goal is to make the Elixir weekly specials like a hand out menu. Like this:

### Weekly Elixir Specials



**Lemon Breeze**

The ultimate healthy drink, this elixir combines herbal botanicals, minerals, and vitamins with a twist of lemon into a smooth citrus wonder that will keep your immune system going all day and all night.



**Chai Chiller**

Not your traditional chai, this elixir mixes maté with chai spices and adds an extra chocolate kick for a caffeinated taste sensation on ice.



**Black Brain Brew**

2) **Creating some structure.** We are going to make a `<div>` for the Elixir weekly specials.

Add to the lounge.html `<div id="elixirs" >` before the "Weekly Elixir Special" header. Don't forget to close your div after the paragraph describing Black Brain Brew.

Have a look at your page. No change? That's ok at least we have a bit of structure now.

3) **Adding a border.** Now we have some structure around the Elixir specials. Let's add a border around it. In lounge.css, we'll need to add some rules that just pertain to the "elixirs" `<div>`. Have a look at the class notes if you are not sure how to do this.

Change the border-width to thin, the border-style to solid and the border-color to #007e7e. Save and refresh your website- you should have a light blue border around the special elixirs.

4) **Changing the width of the elixir `<div>` to make it narrower- like a menu.** Add to your CSS code to change the width of the div to 200px. Save and refresh. It should look something like this.



### Weekly Elixir Specials



#### Lemon Breeze

The ultimate healthy drink, this elixir combines herbal botanicals, minerals, and vitamins with a twist of lemon into a smooth citrus wonder that will keep your immune system going all day and all night.



#### Chai Chiller

You'll notice that the height of the Elixirs section got a lot taller- that's because everything is squashed into a narrower area.

**5) Adding padding and a background image.** Do you notice how the text is right up against the border? Padding can help with this. Include the following CSS rules for your elixir div in lounge.css to allow for better padding and a left margin.

```
padding: 0px 20px 20px 20px;
```

So that the box isn't right up against the left hand side of the browser- let's add a left margin and centre the text. Add the following CSS rules to your elixirs <div> in lounge.css

```
margin-left: 20px;
```

```
text-align: center;
```

Save and refresh. You should see these changes.

Now add a background image images/cocktail.gif and set its property to repeat-x so that we tile the image only in the horizontal direction. Check the class notes on how to do this. Save and refresh. It should look something like this now- we are getting closer!



**Weekly Elixir  
Specials**



**Lemon Breeze**

The ultimate healthy drink, this elixir combines herbal botanicals, minerals, and vitamins with a twist of lemon into a smooth citrus wonder that will keep your immune system going all day and all night.



**Chai Chiller**

**6) Changing heading colours.** Change the `<h2>` elements in the elixirs `<div>` to black and the `<h3>` elements to `#d12c47` in lounge.css *without* affecting the aquamarine colour of `<h2>` headings for the main page. Think about inheritance. Save and reload.

### **7) Fixing the line height.**

Let's change the line height as follows in lounge.css. This tells each element in elixirs `<div>` to have a line space 1 times its font size.

```
#elixirs {  
  line-height: 1;  
}
```

Save and refresh.

**8) Adding float.** We want to be able to float the Elixir Special so that it appears on the right hand side. Add to the elixirs `<div>` CSS rules:

```
float: right;
```

That's it you're done!

**9) Extra: Span.** have a look at the code in the list and how they've used spans to change the font.

### **10) Updating our code: aside, footers.**

In lounge.html change `<div id="elixirs">` to `<aside>` - don't forget to change the closing tag as well.

Save and refresh. Oh my- all our lovely formatting has gone. That's because we need to change the css file so that it uses the `<aside>` element. E.g.

```
aside h2 {  
  color: black;  
}
```

Do the same for footer changing it to the `<footer>` element.

### **11) Updating our code: header.**

Create a <header> element and move the main logo into the header.

```
<p></p>
```

Let's format the header as follows in the lounge.css

```
header {  
background-color: #a7cece;  
margin: 10px 10px 0 px 10px;  
height: 168px;  
}
```

12) **Navigation.** Let's add a navigation bar running under the header. Something like this. Save and refresh (note some of the the links won't work).

```
<nav>  
<ul>  
  <li> <a href = "index.html"> Home </a>  
  <li> <a href = "directions.html"> Directions </a>  
  <li> <a href = "contact.html"> Contact us </a>  
</ul>  
</nav>
```

Hmm, this doesn't look very professional. Let's add some style.

```
/*add background colour to the nav bar and give it some  
margins so that it's separate*/
```

```
nav {  
  
    background-color: #a7cece;  
    margin: 20px 0px 20px 0px;  
}
```

```
/*get rid of the default margin for the ul element*/
```

```
nav ul {  
    margin: 0px;  
    list-style-type: none;  
    padding: 5px 0px 5px 0px;  
}
```

```
/*this makes it go horizontal*/
```

```
nav ul li {  
    display: inline;  
    padding: 5px 10px 5px 10px;  
}
```

```
/*If the link has been visited or not- keep it the same  
colour. */  
nav ul li a:link, nav ul li a:visited {  
    color: #954b4b;  
    border-bottom: none;  
    font-weight: bold;  
}
```