Coffee + Code Café

# HTML

<html>

<!-- stuff in the head is invisible.

and contains elements to describe

the html doc. -->

<head>

<!-- we always want to have the character set to allow the full range of characters. -->

<meta charset="utf-8">

<!-- title should be around 60 characters max. (maybe 70) -->

<title>Coffee + Code Café</title>

<meta name="description" content="A cafe in London that lets you work on code as much as you like">

<link rel="stylesheet" href="css/style.css">

<!-- this forces smaller screened devicesto behave properly with responsive layouts -->

<meta name="viewport" content="width=device-width">

</head>

<body>

<!-- the header tag is a newish html5 tag, it has a lot more samntic value than traditional html tags -->

<header>

<!-- short for 'heading 1'. there's 6 that we can use, h1, h2 etc. -->

<hi>

<!-- the / tells us that the thing before it is a folder and the thing after it is something in that folder. there can be a fair few. the scr tells us that the following thing is the source of the image. -->

<!-- the alt= section is important because poeple who are using screen readers know what the image is and also google images can know what your image is about. and, people can know what the image is if they have a slow connection. -->

<img src="images/logo.png" alt="Coffee and Code">

</hi>

</header>

<!-- html5 thing used or nav. blocks -->

<nav>

<!-- 'a' is called an anchor tag. -->

<a href="index.html">Home</a>

<a href="about.html">About</a>

<a href="http://twitter.com/codecafe">Twitter</a>

<a href="http://facebook.com/codecafe">Facebook</a>

<!-- mailto: makes the system automatically boot up the default email program -->

<a href="mailto:help@steer.me">Email</a>

</nav>

<!-- section is html5 semantic (real meaning) element -->

<section>

<h2>Welcome to Coffee + Code Café</h2>

<p>In April 2011 we opened our doors on Exmouth Market, intent on bringing to the neighbourhood the very best coffee possible. Sourcing, roasting and brewing great coffee lead to more, and since then, our Clerkenwell cafe has evolved into a thriving destination for coffee, food, beer and wine lovers alike.</p>

<img src="images/cafe.png" alt="Photo of the cafe">

<p>While our focus on serving great coffee has never faltered, we quickly added to our repertoire breakfast, lunch, dinner and weekend brunch services, rapidly receiving acclaim for each. We've been voted Runner Up Best Independent Cafe Europe (Allegra Symposium), Best Vegetarian Breakfast (Observer Food Monthly), 'a great day-time cafe, becoming a major point of interest' (Time Out), and won 'Best Independent Cafe' at the 2012 Cafe Society Awards.</p>

<img src="images/food.png" alt="Our awesome food">

<p>A continually developing focus on conscientious and considered sourcing and preparation underpins everything we do, combined with a desire to always share these goods with our guests in a humble and relaxed way.</p>

</section>

<section class="quote">

<blockquote>"The coffee was really good and the place itself was more than relaxed. I was so comfortable I didn't want to leave. I will definitely return."</blockquote>

<p>— Sophie from London</p>

</section>

<section>

<h2>Make the perfect coffee</h2>

<!-- an iframe allows us to embed content from other websites onto our own, but we can't change anything about it. -->

<iframe width="600" height="338" src="https://www.youtube.com/embed/hACqanseofs?rel=0" frameborder="0" allowfullscreen></iframe>

<p class="caption">Making the perfect coffee</p>

<p>Making the perfect coffee</p>

<p>Our very own James shows Time Out London how to make the perfect coffee</p>

</section>

<section class="quote">

<blockquote>"Food and coffee are both exceptional. As expected orange juice is the freshly squeezed variety. You can't go wrong with the breakfast corn fritters or poached eggs with sourdough and tomato kasundi."</blockquote>

<p>— Jing from London</p>

</section>

<section>

<h2>Where are we?</h2>

<!-- the url tells google maps the lat. and long. of the specific location on the map (and some other stuff too). -->

<iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d2482.306535091706!2d-0.10910139999999213!3d51.52593729999999!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x48761b4586a777d3%3A0xd5ada88a54966d0a!2sExmouth+Market%2C+London+EC1R+4QL!5e0!3m2!1sen!2suk!4v1422708037652" width="600" height="450" frameborder="0" style="border:0"></iframe>

</section>

<footer>

<!-- by default, the twitter button embed gives us a flat html anchor tag -->

<a href="https://twitter.com/coffeeandcode" class="twitter-follow-button" data-show-count="false" data-size="large">Follow @coffeeandcode</a>

<!-- this javascript grabs the anchor tag above and replaces it with an iframe. the reason the code looks unreadable is because it's gone through a process of 'uglification' -->

<script>!function(d,s,id){var js,fjs=d.getElementsByTagName(s)[0],p=/^http:/.test(d.location)?'http':'https';if(!d.getElementById(id)){js=d.createElement(s);js.id=id;js.src=p+'://platform.twitter.com/widgets.js';fjs.parentNode.insertBefore(js,fjs);}}(document, 'script', 'twitter-wjs');</script>

</footer>

</body>

</html>

# CSS

/\* css is all rule based, we target an element, and then apply styles to it using 'properties' and 'values' \*/

@import url(http://fonts.googleapis.com/css?family=Roboto:400,400italic,700,700italic);

body {

/\*declare the font on the outermost content element so that it cascades down to the child elements.\*/

/\*when declaring a 'font-stack', you need to provide a fallback font (e.g. sans-serif), that can be used when the primary one can't be found. otherwise, the browser will choose the default, times new roman.\*/

font-family: Roboto, sans-serif;

/\*16px is the default size a browser gives the type and the recommended size\*/

font-size: 16px;

/\*we set the line height as a decimal value. the line height in this case would be equivalent to 25px (or 16x1.5)\*/

line-height: 1.5;

/\*this sets the colour of the text. it can be done with a keyword, an rgba value or a hex value.\*/

color: #444444;

/\*set a background fallback colour in case someon's on a really slow browser and can't load the image.\*/

background: #999999;

/\*we use the '../' to come out of the css folder, then go into the images folder with the images/.\*/

background-image: url(../images/background.jpg);

/\*we use this to center the image on the body element on both the x and y axis\*/

background-position: center;

/\*this is to make sure that css doesn't do the tiling thing.\*/

background-repeat: no-repeat;

/\*this means that the background appears to stay in place an the text is srolling only. it attaches it to the viewport in a fixed position.\*/

background-attachment: fixed;

/\*part of css3, the latest version and allows us to size backgrounds where you couldn't before\*/

background-size: cover;

max-width: 680px;

/\*we speciied the margin using the shorthand, which goes clockwise, the 'auto' keyword automatically centers the body.\*/

margin: 0 auto 0 auto;

}

header{

/\*center the logo\*/

text-align: center;

/\*provide some 'padding'. this pushes the edge of the box out more.\*/

padding: 20px 0 20px 0;

}

nav{

/\*apply background colour (#fee34c)\*/

background: #fee34c;

/\*align the text in the centre\*/

text-align: center;

/\*apply some padding (20px top and bottom)\*/

padding: 20px 0;

/\*to make padding easier if the top and bottom are the same and the sides are the same

you can just add two code parts intead of four, e.g. instead of 20px 0 20px 0 you can write 20px 0.\*/

}

/\*this will only select anchors that are inside nav elements\*/

nav a{

/\*removes the underline\*/

text-decoration: none;

padding: 20px;

/\*we can be explicit about our font weight and target it specifically\*/

font-weight: 700;

/\*get rid of the nasty default colour\*/

color: #444;

/\*you can shorten it when all the 6 characters are the same\*/

}

/\*this is called a pseudo state, and we can hook into the hover action on an element.\*/

nav a:hover {

color: #666;

}

section {

background-color: #fff;

padding: 20px 40px;

/\*we specify 3 properties:thickness, type and colour. getting the order of these doesn't really matter, which can give us some flexibility.\*/

border-bottom: solid 1px #eee;

}

/\*we hook into a class name using a period (.) and then the name of the class, no spaces.\*/

.quote {

background: #e3e7e6;

}

.quote p {

text-align: right;

}

/\*overriding the default 'user agent' stylesheet\*/

h2 {

font-size: 21px;

margin: 20px 0;

}

p {

margin: 20px 0;

}

blockquote {

/\*style up the blockquote so it's distinctly different from the main text\*/

font-size: 24px;

font-weight: 700;

margin: 20px 0;

}

footer{

text-align: center;

padding: 40px 0;

}

.caption {

text-align: right;

font-size: 12px;

margin: 0;

padding: 10px 0 15px 0;

border-bottom: solid 1px #eee;

text-transform: uppercase;

letter-spacing: 3px;

}

/\*we can target multiple elements in one selector, using a comma after every one, except for the last one.\*/

img,

iframe{

max-width: 100%;

}

/\*this is a media query block, it applies styles to our page when the width is below 720px\*/

@media screen and (max-width: 720px) {

section {

padding: 20px 4%;

}

/\*anchor tags are inline elements by default, we need to force them to stack on top of each other using this display property\*/

nav a {

display: block;

padding: 10px 0;

}

}