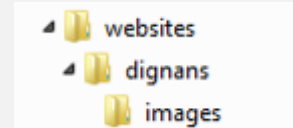


## HTML 5 & CSS3 site tutorial – Part 1

### Reminder about setting up a new Site

All files and subfolders associated with the site must be in one folder, known as the **local root folder**.

In your **websites** folder create a sub folder called **dignans**  
Within dignans create a sub folder called **images**



### Coding the <head> section

File> New

Save as **index.html**

Edit> Create HTML 5 Template

Adapt the <head> code to match the following:

```
<!doctype html>
<html lang="en">

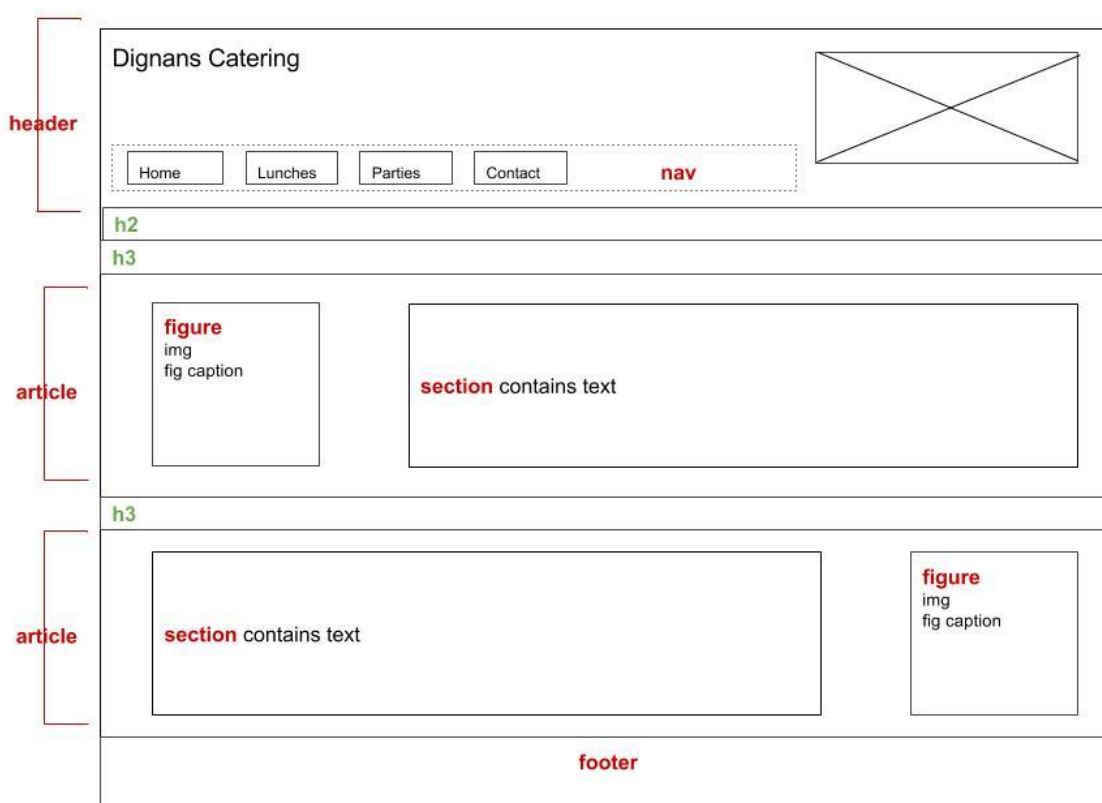
<head>
  <meta charset="utf-8">
  <title>Dignans Catering</title>
  <link rel="stylesheet" href="styles.css">
  <meta name="viewport" content="width=device-width, initial-scale=1">
</head>
```

# Coding the <body> section - HTML

## The <body> section

This is where the code to display all the visible content on the webpage is stored. The first step is to set up a structure for the web page.

Here is the layout that we are going to work on. Each **red** label on the diagram relates to a **container** that you will create in HTML.



### Note:

<article> or <section> or <div> ??

These can theoretically be used interchangeably. It's good to use <article> or <section> as they are more meaningful. There are differences and this article explains, but no need to worry about it 😊

<https://www.smashingmagazine.com/2020/01/html5-article-section/>

Add the following HTML code between the <body> elements. Each of these is a **structural element/containers** to hold all your website content

```
<body>

<main>

  <header>
    <nav></nav>
  </header>

  <article>
    <figure> </figure>
    <section> </section>
  </article>

  <article>
    <section> </section>
    <figure> </figure>
  </article>

  <footer> </footer>

</main>

</body>
</html>
```

## The header element

The **<header>** element will contain all the information to be displayed in the header/banner area. This will eventually include the company name, a background image and the navigation/links.



Add the following code into the **<header>**

The **<h1>** tag displays text in a preset size and is used to display the most prominent headings.

```
<header>
  <h1>Dignans Catering</h1>
  <nav>
    <a href="index.html">Home</a>
    <a href="lunches.html">Lunches</a>
    <a href="parties.html">Parties</a>
    <a href="contact.html">Contact</a>
  </nav>
</header>
```

Save the file **index.html** and preview in Chrome You should see a simple but plain layout.

## Styling the Header - CSS

File>New

File>Save As> **styles.css**

Copy the following code into styles.css

The first part of the CSS will:

- Set the dimensions and position of the **<main>** container which will hold everything else
- Set the responsive **<header>** width
- Add a small background image
- Change the font style and colour of the **<h1>**
- Set the width of the **<nav>**

```
/*-----CONTAINER STYLES-----*/

main {
  display: block;
  max-width: 1000px;
  border: 1px solid #779c32;
  margin-left: auto;
  margin-right: auto;
  margin-top: 0px;
}

header {
  width: 100%;
  margin-top: 0px;
  margin-bottom: 10px;
  background: url(images/logo.jpg) right bottom no-repeat;
  background-color: #fff;
  padding-bottom: 10px;
}

header > h1 {
  font-family: "Trebuchet MS";
  font-size: 4em;
  color: #F4860A;
  margin-top: 0px;
  padding-left: 10px;
}

nav {
  width: 100%;
}
```

Copy this following css into styles to style the links:

```
/*-----NAVIGATION LINKS STYLES-----*/

nav {
  display: flex;
  justify-content: flex-start;
  padding: 10px;
}

nav a {
  font-family: "Trebuchet MS", Arial, Helvetica, sans-serif;
  background-color: #F4860A;
  text-decoration: none;
  text-align: center;
  border: 1px solid #F4860A;
  padding-left: 10px;
  padding-right: 10px;
  padding-top: 5px;
  padding-bottom: 5px;
  margin-right: 20px;
}

nav a:link, a:visited {
  color: #FFF;
}

nav a:hover {
  color: #F4860A;
  background-color: #FFF;
}
```

When you preview your page, you should see something like this:



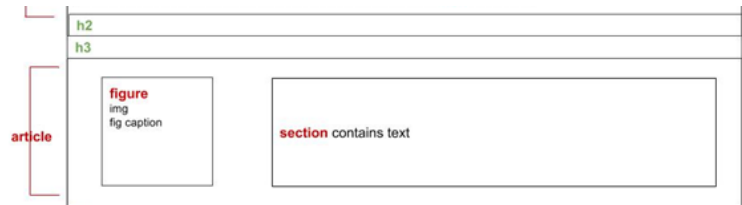
Experiment with the styles to see the effect of changing padding, margins and colours.

## Completing the Main Content Area

The main content area has been designed with 2 articles, each containing a **<figure>** with an image and a **<section>** containing text:

```
<article>
  <figure> </figure>
  <section> </section>
</article>

<article>
  <section> </section>
  <figure> </figure>
</article>
```



### Top <article>

Add the following code and content into the first **<article>**, **<section>** and **<figure>** (Note: **<h2>** and **<h3>** are before the **<article>** for a reason. It's to do with flex and it'll be explained later)

```
<h2>Our Tasty Lunch Special</h2>
<h3>Buy a large soup and choose a muffin for FREE!!</h3>
<article>
  <figure>
    <figcaption>Scrummy tomato soup</figcaption>
  </figure>
  <section>
    <p>Only the best and fresh ingredients used in all our homemade soups which are made fresh daily. So order quick before we have run out.</p>
    <p>Different soups every day. Try the creamy mushroom, chicken and rice, courgette and mint, sweet potato and coconut...</p>
    <p>All our soups are hearty and tasty and we always have a vegetarian option on offer.
      So, select how many soups you want and we'll give you a ring at 11 am the day before your delivery to let you know our soup of the day.
      Small soup - £2.00 Large soup - £2.50.</p>
  </section>
</article>
```



## Second <article>

Add the following code and content after the end of the first </article>

```
<h3>Paninis - served with baby leaves, coleslaw and hand-cooked crisps</h3>
<article>
  <section>
    <p>Take two slices of Italian bread. Stuff them with delicious goodies
      such as mozzarella, tomatoes, prosciutto, fresh basil, roasted red
      peppers, and whatever else makes you happy. </p>
    <p>Brush with extra Virgin olive oil, and press between the hot plates
      of a Panini grill for the best Italian style sandwich outside
      of (or even in!) Italy.</p>
    <p>Or Italian salami and thick slices of melted Mozzarella cheese
      and roasted red peppers, layered on artisan bakery style ciabatta
      bread is grill-pressed golden and delicious. Topped with baby spinach
      and slivered red onion tossed in Italian vinaigrette.</p>
  </section>
  <figure>
    <figcaption>The Panini!!</figcaption>
  </figure>
</article>
```

## Coding the Footer

Add the following code after the end of the last </article>:

```
<footer>
  <p>© 2020 Dignans Catering. All rights reserved.</p>
  <p>Phone: 0131 111 2222 | Email: Orders@dignans.co.uk | Hill Street,
    Edinburgh, EH1 1SR</p>
</footer>
```

Save the page and preview it in a browser – it will still be a bit plain, but should display okay.

## CSS Styles for the Content area

### CSS Fonts styles

```
/* The CSS3 box-sizing property allows us to include the padding and border in an
element's total width and height. If you set box-sizing: border-box; on an element
padding and border are included in the width and height:*/

* {
  box-sizing: border-box;
}

body {
  font-family: "Gill Sans", "Myriad Pro", Arial, sans-serif;
  font-size: 0.9em;
}

h2 {
  font-family: sans-serif;
  font-size: 1.2em;
  background-color: #657E20;
}

h3 {
  font-size: 1em;
  background-color: #CFC193;
}

h2,
h3 {
  color: #FFF;
  padding-top: 1%;
  padding-bottom: 1%;
  padding-left: 1%;
  margin-bottom: 0px;
  margin-top: 0px;
}

p {
  color: #448914;
}
```



## CSS container styles

/\*\*\*\*\*\*SECTION, ARTICLE, FIGURE and FOOTER STYLES\*\*\*\*\*\*/

```
article {
  width: 100%;
  display: flex;
  justify-content: space-between;
}

section {
  width: 70%;
  padding: 5px;
}

figure {
  height: 220px;
  margin-top: 20px;
  border: 1px solid #f90;
  text-align: center;
}

figcaption {
  font-family: Georgia, "Times New Roman", Times, serif;
  font-size: x-small;
  font-style: italic;
  color: #356A12;
}

footer {
  height: 70px;
  width: 100%;
  background-color: #657E20;
  text-align: center;
}

footer > p {
  color: #fff;
}
```

You should end up with a page that look something like this:

# Dignans Catering

[Home](#)[Lunches](#)[Parties](#)[Contact](#)



## Our Tasty Lunch Special

Buy a large soup and choose a muffin for FREE!!



*Scrummy tomato soup*

Only the best and fresh ingredients used in all our homemade soups which are made fresh daily. So order quick before we have run out.

Different soups every day. Try the creamy mushroom, chicken and rice, courgette and mint, sweet potato and coconut...

All our soups are hearty and tasty and we always have a vegetarian option on offer. So, select how many soups you want and we'll give you a ring at 11 am the day before your delivery to let you know our soup of the day. Small soup - £2.00 Large soup - £2.50.

## Paninis - served with baby leaves, coleslaw and hand-cooked crisps

Take two slices of Italian bread. Stuff them with delicious goodies such as mozzarella, tomatoes, prosciutto, fresh basil, roasted red peppers, and whatever else makes you happy.

Brush with extra Virgin olive oil, and press between the hot plates of a Panini grill for the best Italian style sandwich outside of (or even in!) Italy.

Or Italian salami and thick slices of melted Mozzarella cheese and roasted red peppers, layered on artisan bakery style ciabatta bread is grill-pressed golden and delicious. Topped with baby spinach and slivered red onion tossed in Italian vinaigrette.



*The Panini!!*

© 2020 Dignans Catering. All rights reserved.

Phone: 0131 111 2222 | Email: [Orders@dignans.co.uk](mailto:Orders@dignans.co.uk) | Hill Street, Edinburgh, EH1 1SR

## Student Task

1. Add a 3<sup>rd</sup> <article> to display the following information:

**Heading <h3>** - COMBO PLATTER OF THE MONTH MIXED £16.50. 10 mini wraps, 3 mini rolls and 8 sandwich quarters.

**Paragraphs <p>** - Ham, honey mustard mayo and rocket. Crispy bacon, brie, onion relish and spinach. Crayfish cocktail with rocket. Egg mayo, cracked black pepper and leaves. Jalsberg, onion relish, cherry tomatoes and leaves.

Homemade breaded chicken breast goujons, mini vegetable samosas, Italian stone baked tomato & mozzarella pizzas, crispy butterfly prawns & mini sausages all served with spicy dips & fresh garnish.

**Image <img>** - salad.jpg

**Figure Caption <figcaption>** - Combo Platter Salad