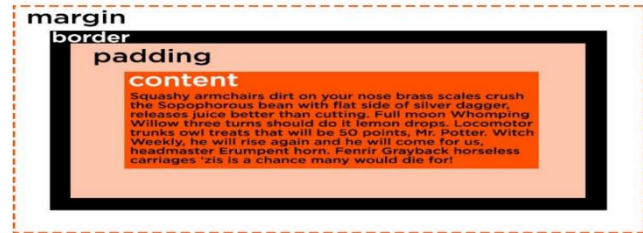


Re-cap Margin/Padding https://www.w3schools.com/css/css_margin.asp

- `margin:0 10px 0 10px;` **top margin** is 0 **right margin** is 10px **bottom margin** is 0 **left margin** is 10px
- `margin :5%;` **all sides** is 5% of total width of browser
- `margin:1em` (16px) (depends on browser default)
- `margin :1.5 em;` (24 px)
- `margin: 25px 50px 75px;` **top margin** is 25px **right and left margins** are 50px **bottom margin** is 75px



https://www.w3schools.com/tags/ref_pxtoemconversion.asp

Borders https://www.w3schools.com/css/css_border.asp

This Week

Purpose:

Create a web site using CSS and include navigation at top - aside navigation and column and footer navigation.

Home Web page will include

- CSS Elements, Classes and ID for formatting.
- Use html semantic elements, both block and inline elements
- inline styling for the logo
- Background header image
- Menu navigation as per last week
- Aside element for additions hyper links and list of food
- Column with border gaps for kitchen staff details
- Separate footer navigation
- User border colours to identify each section of the page
- You can use dummy text from <https://www.lipsum.com/> - remember to include key words

Exercise Layout

- Create a folder for each specific type of content/media
 - images (download all image from Sharepoint)
- Create a styles folder for the CSS and use some of last weeks css
- Home.html – the First of Four Pages in Week6 folder

Home HTML and CSS

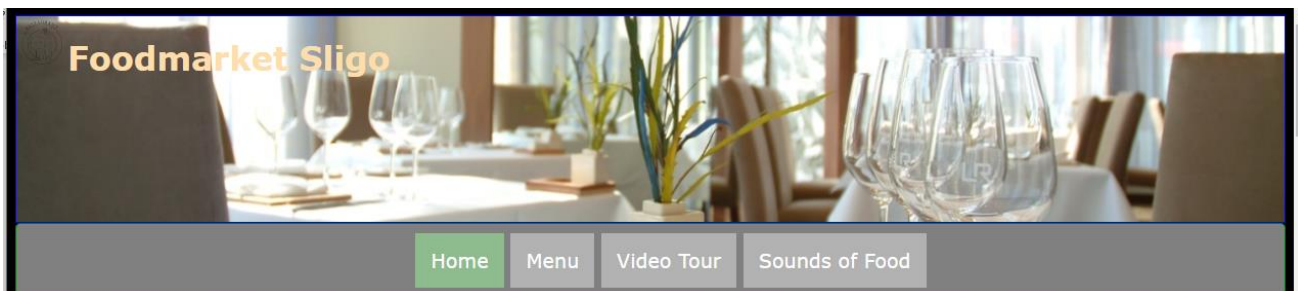
BODY

The body is divided into the following sections header, nav, main section 80% of screen (sub-sections) aside 20% of screen (subsections) footer

HEADER & NAV

HEADER AND NAV

- Below is suggested page display keep content the same but you can change colours and display sizes
- Logo displayed in top left
- H1 Foodmarket Sligo
- Background image and header height
- Nav below is outside the header in main section and uses an id to change background colour of home hyperlink
- Nav css same as last week, other pages will be added in next week's exercise



```
20
21 <header>
22   
23   <h1>Foodmarket Sligo</h1>
24 </header>
```

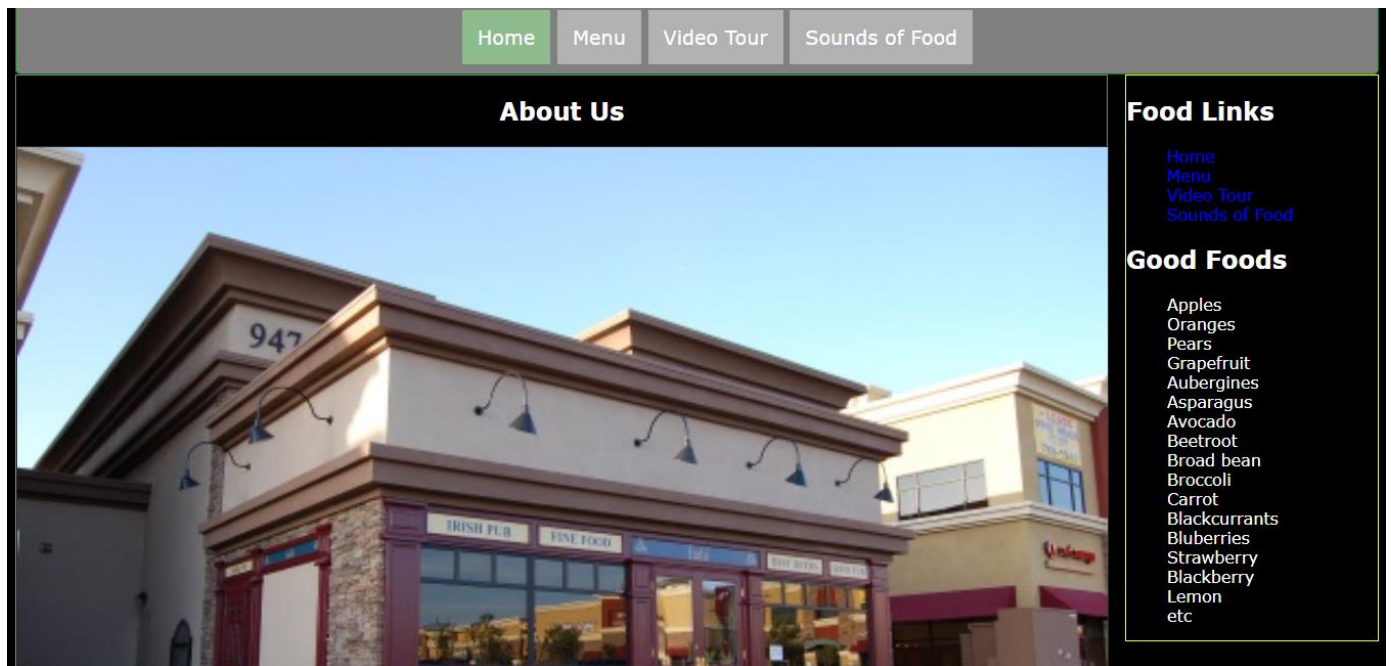
```
style.css: 70  New Rule
70 header {
71
72   background-image: url(../images/header_image.jpg);
73   background-repeat: no-repeat;
74   background-size: cover;
75   height: 200px;
76   color: navajowhite;
77   border: 1px solid blue;
78
79 }
```

BACKGROUND IMAGES

- An element can be given a background image using the following CSS properties
 - Image: the image to be used
 - Repeat indicates whether the image should be tiled
 - Size indicates that the image should be as scaled as to fit the element

MAIN CONTENT AND ASIDE

- The main content will display the About us and Staff details and use **section of approx. 80%** of the browser width to the left, **aside section approx. 18%** to the right will be used for hyper links and list of foods.



```
</header>
<nav>
  <ul>
    <li id="active"> <a href="index.html">Home</a></li>
    <li> <a href="#">Menu</a></li>
    <li> <a href="#">Video Tour</a></li>
    <li> <a href="#">Sounds of Food</a></li>
  </ul>
</nav>
<!-- suggestion #content 80% and float to left-->
<section id="content">
style.css:146 New Rule
#content {
  float: left;
  width: 80%;
  margin-right: 15px;
  border: 1px solid grey;
}
<section id="aboutUs" >
<h2>About Us</h2>
<!-- suggestion .showimages float to right-->

```

ASIDE – FLOAT RIGHT WIDTH 18%

```
70     </section>
71 </section>
72 <!-- suggestion aside 18% and float to right-->
73 <aside>
74
75
76
77
78
79
80
81 <h2> Food Links</h2>
82 <ul>
83 <li> <a href="home.html"> Home</a></li>
84 <li> <a href="menu.html"> Menu</a></li>
85 <li> <a href="video.html"> Video Tour</a></li>
86 <li> <a href="audio.html"> Sounds of Food</a></li>
87 </ul>
88
89 <h2> Good Foods</h2>
90 <ol>
91 <li> Apples</li>
92 <li> Oranges</li>
93 <li> Pears</li>
94 </ol>
95 </aside>
```

```
aside ul li a {
    color: blue;
    text-decoration: none;}
```


```
aside ul li
{list-style-type: none; }
```

COLUMN DISPLAY – DISPLAY KITCHEN STAFF DETAILS

[HTTPS://WWW.W3SCHOOLS.COM/CSS/CSS3_MULTIPLE_COLUMNS.ASP](https://www.w3schools.com/css/css3_multiple_columns.asp)


Kitchen Staff

Chef Names Jane



Chef Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

Chef Names John



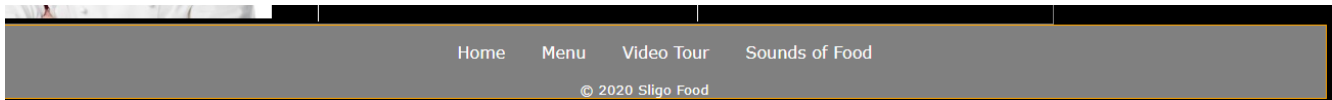
Pastry Chef Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

```
54
55 <h2>Kitchen Staff</h2>
56
57 <h3>Chef Names Jane</h3>
58 <section class="col_detail">
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
```

```
8 .col_detail {
9   column-count: 3;
10  column-rule: 1px solid white;
11  column-gap: 50px;
12  padding: 2px;
13 }
14
```

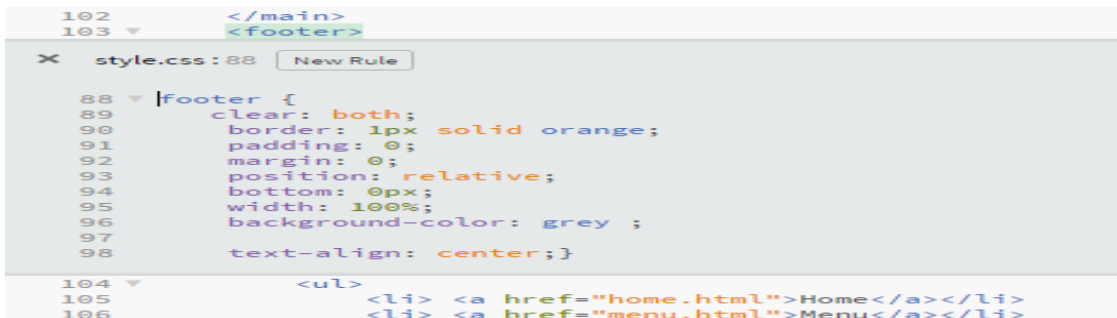
```
59 
60 <p>
61   Chef Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has
62   been the industry's standard dummy text ever since the 1500s, when an unknown printer took a
63   galley of type and scrambled it to make a type specimen book. It has survived not only five
64   centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was
65   popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and
66   more recently with desktop publishing software like Aldus PageMaker including versions of Lorem
67   Ipsum.
68 </p>
69 </section>
70 <h3>Chef Names John</h3>
71 <section class="col_detail">
72   
73   <p>
74     Pastry Chef Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum
75     has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a
```

FOOTER



Must clear the float for the footer to use 100% of the browser screen.

CSS Clear:both



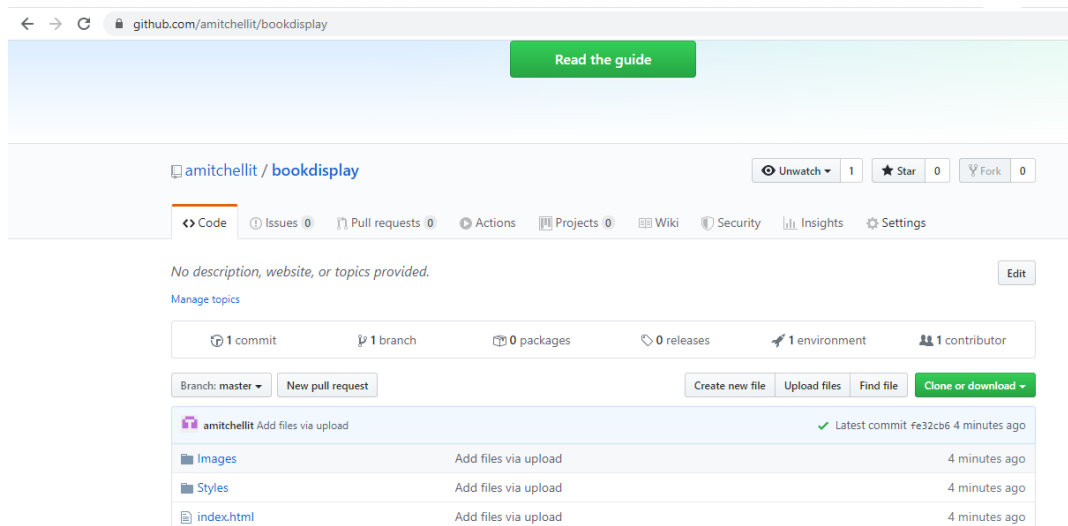
Create css navigation for footer navigation as per navigation for nav

- **Validate you html code for all web pages and Css Using validate on W3.org website.** The World Wide Web Consortium (W3C) is an international community that develops open standards to ensure the long-term growth of the Web <https://validator.w3.org/>
Create document with the result of HTML & CSS Validation, include this document in your compressed folder and upload to Moodle.

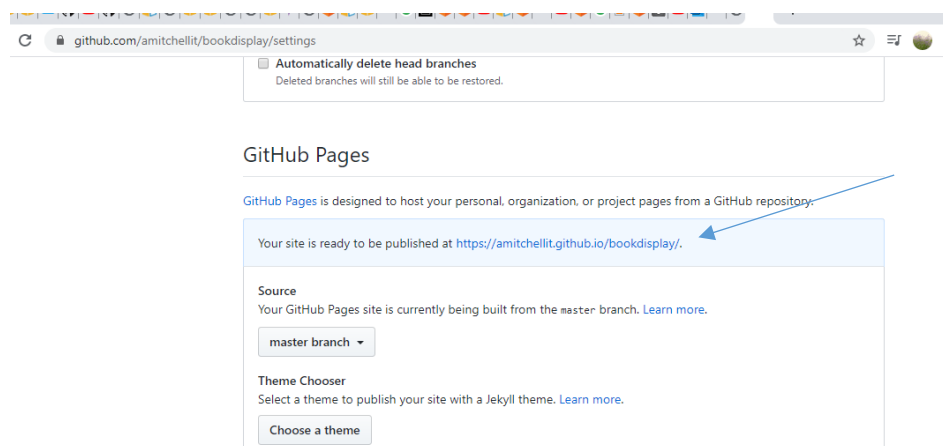
Worksheet: Exercise 6 - CSS and page formatting upload to moodle – Compressed Folder include Document with HTML5 & Css validation

Github example

Create new repository and load files, first page must be index.html



Select Settings & scroll to GitHub Pages Choose master branch for Source use below url to view your web page which is served from github server



Open browser and past url in address line

