



The Perfect Sandwich, A Real NYC Classic

Just some random text, lorem ipsum text praesent tincidunt ipsum ipsum.



Let Me Tell You About This Steak

Once again, some random text to lorem lorem lorem ipsum text praesent tincidunt ipsum ipsum.



Cherries, interrupted

Lorem ipsum text praesent tincidunt ipsum ipsum.

What else?



Once Again, Robust Wine and Vegetable Pasta

Lorem ipsum text praesent tincidunt ipsum ipsum.



All I Need Is a Popsicle

Lorem ipsum text praesent tincidunt ipsum ipsum.



Salmon For Your Skin

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Le French

Lorem lorem lorem ipsum text praesent tincidunt ipsum ipsum.

# 클론코딩 - 03

## My Food hompage

### 서보션

#### About Me, The Food Man



#### I Am Who I Am!

*With Passion For Real, Good Food*

Just me, myself and I, exploring the universe of unknownim. I have a heart of love and an interest of lorem ipsum and mauris neque quam blog. I want to share my world with you. Praesent tincidunt sed tellus ut rutrum. Sed vitae justo condimentum, porta lectus vitae, ultricies congue gravida diam non fringilla. Praesent tincidunt sed tellus ut rutrum. Sed vitae justo condimentum, porta lectus vitae, ultricies congue gravida diam non fringilla.

#### FOOTER

Praesent tincidunt sed tellus ut rutrum. Sed vitae justo condimentum, porta lectus vitae, ultricies congue gravida diam non fringilla.

Powered by [y3.css](#)

#### BLOG POSTS



Lorem  
Sed mattis nunc



Ipsum  
Praes tinci sed

#### POPULAR TAGS

- Travel New York Dinner Salmon France Drinks
- Leads Flowers Cuisine Chicken Dressing Fried
- Fish Duck

# 1. 최종 결과물




사이드바 메뉴

☰


My Food

Mail




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Le French

Lorem ipsum text praesent tincidunt ipsum ipsum.

«

1

2

3

4

»

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FOOTER

Praesent tincidunt sed tellus ut rutrum. Sed vitae justo condimentum, porta lectus vitae, ultricies congue gravida diam non fringilla.

Powered by [xoxox](#)

BLOG POSTS



lorem Sed matta nunc.



Ipsum Praes tinci sed

POPULAR TAGS

Travel

New York

Dinner

Salmon

France

Drinks

Books

Flowers

Coffee

Chicken

Dressing

Fruit

Fish

Beach

네비게이션 메뉴

메인 콘텐츠 1

메인 콘텐츠 2

Footer

## 2. DOM Tree

### HTML Console 창에 DOM Tree를 출력하기 위한 코드



```
1 <script type="module">
2     import exploreDom from './js/Dom.js';
3
4     const body = document.querySelector('body');
5     const i = exploreDom(body);
6     console.log(i);
7 </script>
```

// HTML 본문의 body(최상위) element를 참조한 모듈 함수에 넣어준다



```
1 let lineNumber = 0;
2
3 function exploreDom(ancestor) {
4     lineNumber++;
5     if (ancestor.children) {
6         console.group(`<${ancestor.tagName}>`);
7         Array.from(ancestor.children).forEach(v => {
8             exploreDom(v);
9         });
10        console.groupEnd();
11    } else {
12        console.log(ancestor.tagName);
13        return lineNumber;
14    }
15
16    return lineNumber;
17 }
18
19 export default exploreDom;
```

// children -> 자식 요소가 있다면 console.group() 후 재귀(하단 깊이 재탐색)

# 2. DOM Tree 전체 상위 구조

Close Menu


Food

About

☰


My Food

Mail




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« 1 2 3 4 »

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FOOTER

Praesent tincidunt sed tellus ut rutrum. Sed vitae justo condimentum, porta lectus vitae, ultricies congue gravida diam non fringilla.

Powered by [adidas](#)

BLOG POSTS



Lorem Sed mattis nunc



Ipsum Praes tinc sed

POPULAR TAGS

Travel New York Dinner Salads France Drinks

Snacks Flowers Games Chicken Dressing Fried

Pink Duck

▼ <BODY>

▶ <NAV>

▶ <DIV>

▼ <DIV>

▶ <SECTION>

▼ <HR>

▶ <SECTION>

▼ <HR>

▶ <FOOTER>

# 2. DOM Tree

Side Menu, Navigation Bar(Top Menu)

☰

My Food

Mail

Close Menu

Food

About

▼ <BODY>

▼ <NAV>

▼ <A>

▼ <A>

▼ <A>

▼ <DIV>

▼ <DIV>

▼ <P>

▼ <I>

▼ <P>

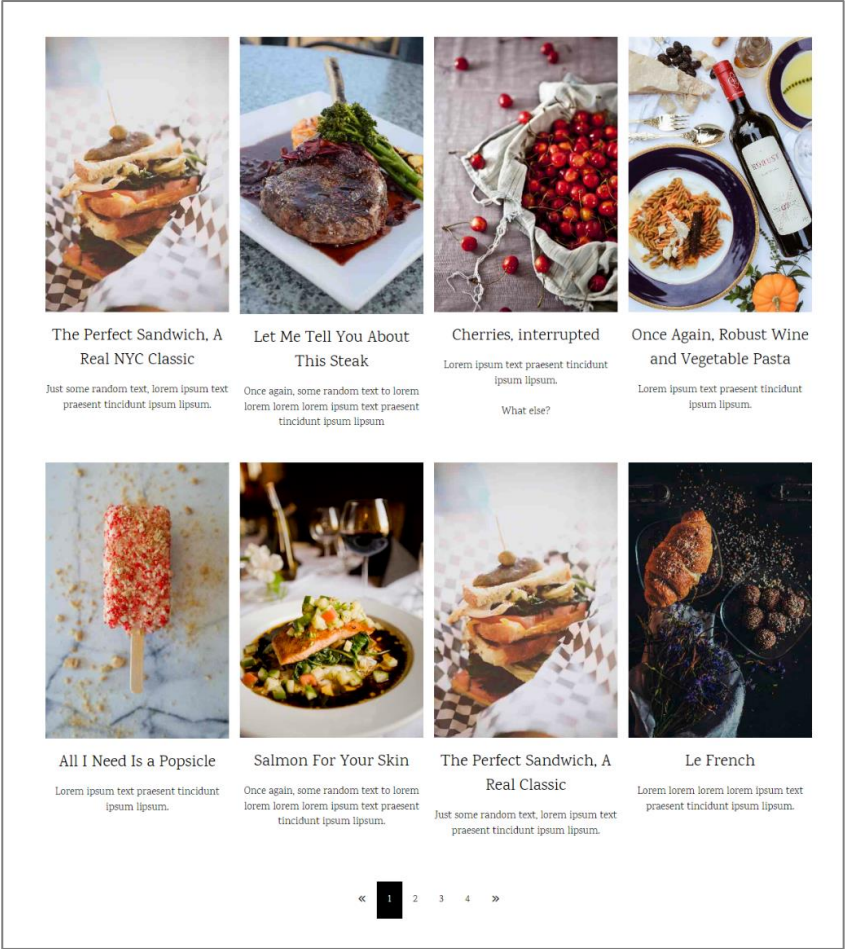
▼ <P>

→ Side Bar

→ Top menu




# 2. DOM Tree 본문 1 - Food List



					▼ <DIV>
					▼ <SECTION>
					▼ <DIV>
					▼ <DIV>
					▶ <DIV>
					▶ <DIV>
					▶ <DIV>
					▼ <DIV>
					▼ <IMG>
					▼ <H3>
					▼ <P>
					▶ <DIV>
					▼ <DIV>
					▼ <DIV>
					▼ <A>
					▼ <I>
					▼ <A>
					▼ <A>
					▼ <A>
					▼ <A>
					▼ <A>
					▼ <I>

## 2. DOM Tree 본문 2 - About Me

About Me, The Food Man



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			▼ <SECTION>
			▼ <H3>
			▼  
			▼ <IMG>
			▼ <DIV>
			▼ <B>
			▼ <H4>
			▼ <I>
			▼ <H6>
			▼ <P>

## 2. DOM Tree Footer

## FOOTER

Praesent tincidunt sed tellus ut rutrum. Sed vitae justo condimentum, porta lectus vitae, ultricies congue gravida diam non fringilla.

Powered by [w3.css](#)

## BLOG POSTS



Lorem  
 Sed mattis nunc



Ipsum  
Praes tinci sed

## POPULAR TAGS

Travel New York Dinner Salmon France Drinks

[leads](#)
[Flavors](#)
[Cuisine](#)
[Chicken](#)
[Dressing](#)
[Fried](#)

Fish Duck

		▼ <FOOTER>
		▼ <DIV>
		▼ <H3>
		▼ <P>
		▼ <P>
		▼ <A>

```

graph TD
    DIV[<DIV>] --> H3[<H3>]
    DIV --> H3
    H3 --> UL[<UL>]
    UL --> LI1[<LI>]
    UL --> LI2[<LI>]
    LI1 --> IMG1[<IMG>]
    LI1 --> SPAN1[<SPAN>]
    LI1 --> BR1[<BR>]
    LI2 --> IMG2[<IMG>]
    LI2 --> SPAN2[<SPAN>]
    LI2 --> BR2[<BR>]
  
```

```
graph TD
  DIV[<DIV>] --> H3[<H3>]
  H3 --> P[<P>]
  P --> SPAN1[<SPAN>]
  P --> SPAN2[<SPAN>]
  P --> SPAN3[<SPAN>]
  P --> SPAN4[<SPAN>]
  P --> SPAN5[<SPAN>]
  P --> SPAN6[<SPAN>]
  P --> SPAN7[<SPAN>]
  P --> SPAN8[<SPAN>]
  P --> SPAN9[<SPAN>]
  P --> SPAN10[<SPAN>]
```



### 3. CSS 공통, variables.scss

```
1 @import './variables.scss';
2 @import './pseudo.scss';
3 @import './responcive.scss';
4 @import url('https://fonts.googleapis.com/css2?family=Karma:wght@400;700&display=swap');
5
6 /* Common */
7 * {
8     font-family: "Karma", sans-serif;
9     font-size: $fontSize;
10    line-height: 1.5;
11    color: #000;
12 }
13
14 h3 {
15     margin: ($commonMargin-vertical - 5px) 0;
16
17     font-size: $hFontSize;
18     font-weight: 400;
19 }
20
21 h4 {
22     margin: ($commonMargin-vertical - 5px) 0;
23     font-size: ($fontSize + 5px);
24 }
25
26 h6 {
27     margin: ($commonMargin-vertical - 5px) 0;
28     font-size: ($fontSize + 1px);
29 }
30
31 p {
32     margin: $commonMargin-vertical 0;
33 }
34
35 hr {
36     margin: ($commonMargin-vertical + 5px) 0;
37     border: none;
38     border-top: 1px solid $gray1;
39 }
```

// styles.scss의 통합(Common) 부분,  
각 scss 파일 및 font url import

```
1 $mainWidth: 1200px;
2 $mainWidth-tab: 700px;
3 $mainWidth-mob: 480px;
4
5 $commonMargin-vertical: 15px;
6 $commonMargin-vertical-tab: 10px;
7 $commonMargin-vertical-mob: 5px;
8 $commonPadding-vertical: 32px; // even number only
9 $commonPadding-vertical-tab: 24px; // even number only
10 $commonPadding-vertical-mob: 16px; // even number only
11 $commonPadding-horizontal: 8px; // even number only
12 $commonPadding-horizontal-tab: 6px; // even number only
13 $commonPadding-horizontal-mob: 4px; // even number only
14
15 $specialMargin-main-top: 100px;
16 $specialMargin-main-top-tab: 60px;
17 $specialMargin-main-top-mob: 40px;
18 $specialMargin-foodItem-bottom: 32px;
19 $specialMargin-foodItem-bottom-tab: 24px;
20 $specialMargin-foodItem-bottom-mob: 16px;
21 $specialMargin-blogImg-right: 16px;
22 $specialMargin-blogImg-right-tab: 8px;
23 $specialMargin-blogImg-right-mob: 10px;
24 $specialMargin-tags-bottom: 16px;
25 $specialMargin-tags-bottom-tab: 8px;
26 $specialMargin-tags-bottom-mob: 4px;
27
28 $specialPadding-navButton: 20px;
29 $specialPadding-navButton-tab: 15px;
30 $specialPadding-navButton-mob: 10px;
31
32 $fontSize: 15px;
33 $fontSize-tab: 12px;
34 $fontSize-mob: 9px;
35 $hFontSize: 24px;
36 $hFontSize-tab: 20px;
37 $hFontSize-mob: 16px;
38
39 $gray1: #eee;
40 $gray2: #ccc;
41 $gray3: #616161;
```

// 통합 margin, padding,  
width, color 등을 위한 variables.scss

### 3. CSS 반응형 media query @mixin, @include



```
1 $breakpoint-mobile: 500px;
2 $breakpoint-tablet: 750px;
3
4 @mixin tablet {
5     @media (min-width: #{$breakpoint-mobile}) and (max-width: #{$breakpoint-tablet - 1px}) {
6         @content;
7     }
8 }
9
10 @mixin mobile {
11     @media (max-width: #{$breakpoint-mobile - 1px}) {
12         @content;
13     }
14 }
```

// responsive.scss → 브라우저 크기 별로 분리



```
1 @include tablet {
2     * {
3         font-size: $fontSize-tab;
4     }
5
6     h3 {
7         margin: ($commonMargin-vertical-tab - 5px) 0;
8         font-size: $hFontSize-tab;
9     }
10
11     h4 {
12         margin: ($commonMargin-vertical-tab - 5px) 0;
13         font-size: ($fontSize-tab + 5px);
14     }
15
16     h6 {
17         margin: ($commonMargin-vertical-tab - 5px) 0;
18         font-size: ($fontSize-tab + 1px);
19     }
20
21     p {
22         margin: $commonMargin-vertical-tab 0;
23     }
24
25     hr {
26         margin: ($commonMargin-vertical-tab + 5px) 0;
27     }
28 }
```

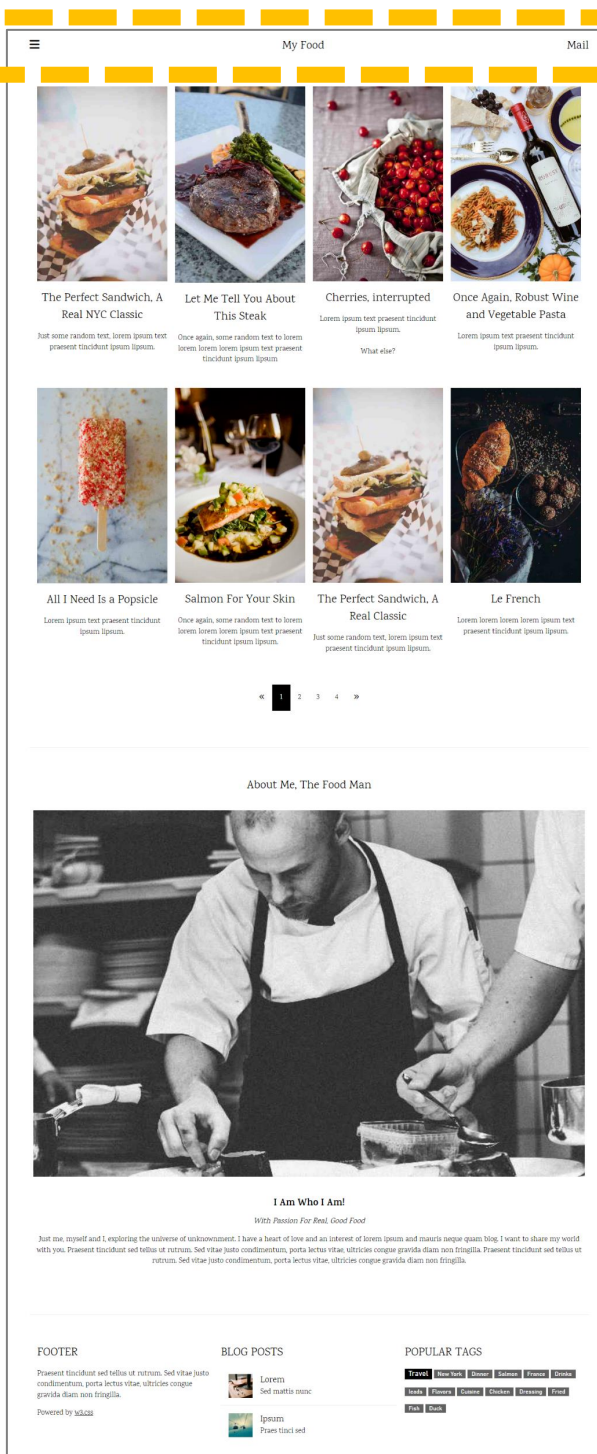
// tablet 브라우저 공통 속성 초기화



```
1 @include mobile {
2     * {
3         font-size: $fontSize-mob;
4     }
5
6     h3 {
7         margin: ($commonMargin-vertical-mob - 5px) 0;
8         font-size: $hFontSize-mob;
9     }
10
11     h4 {
12         margin: ($commonMargin-vertical-mob - 5px) 0;
13         font-size: ($fontSize-mob + 5px);
14     }
15
16     h6 {
17         margin: ($commonMargin-vertical-mob - 5px) 0;
18         font-size: ($fontSize-mob + 1px);
19     }
20
21     p {
22         margin: $commonMargin-vertical-mob 0;
23     }
24
25     hr {
26         margin: ($commonMargin-vertical-mob + 5px) 0;
27     }
28 }
```

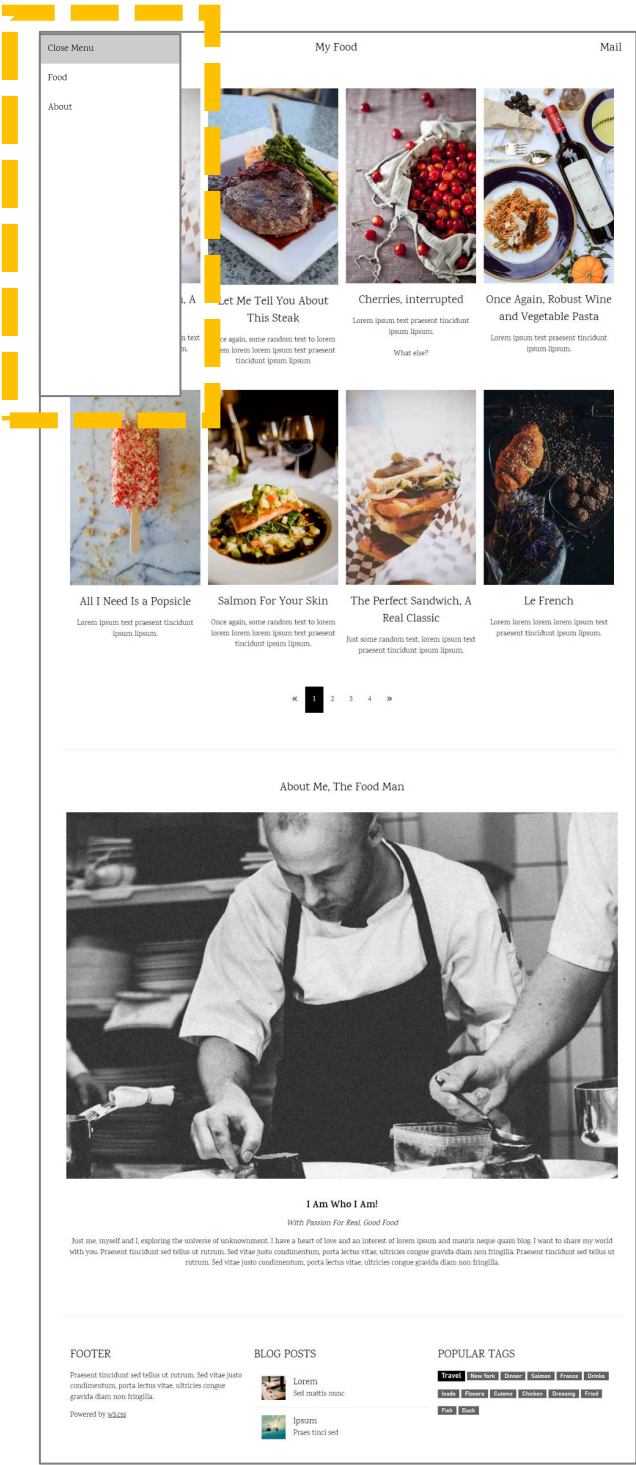
// mobile 브라우저 공통 속성 초기화

# 3. CSS Navigation



```
1  /* Top Menu */
2  .top-wrap {
3    width: 100%;
4    position: fixed;
5    z-index: 9999;
6    top: 0;
7
8    .top-menu {
9      max-width: $mainWidth;
10     @include tablet {
11       max-width: $mainWidth-tab;
12     }
13     @include mobile {
14       max-width: $mainWidth-mob;
15     }
16
17     margin: 0 auto;
18     background-color: #fff;
19     text-align: center;
20
21     p {
22       display: inline-block;
23       margin: 0;
24       padding: ($commonPadding-vertical / 2) 0;
25       font-size: $hFontSize;
26       @include tablet {
27         padding: ($commonPadding-vertical-tab / 2) 0;
28         font-size: $hFontSize-tab;
29       }
30       @include mobile {
31         padding: ($commonPadding-vertical-mob / 2) 0;
32         font-size: $hFontSize-mob;
33       }
34
35       i {
36         font-size: $hFontSize;
37         @include tablet {
38           font-size: $hFontSize-tab;
39         }
40         @include mobile {
41           font-size: $hFontSize-mob;
42         }
43       }
44     }
45
46     p:first-of-type {
47       float: left;
48       padding: ($commonPadding-vertical / 2);
49       @include tablet {
50         padding: ($commonPadding-vertical-tab / 2);
51       }
52       @include mobile {
53         padding: ($commonPadding-vertical-mob / 2);
54       }
55       @include hoverCursor($gray2, #000);
56     }
57
58     p:last-of-type {
59       float: right;
60       padding: ($commonPadding-vertical / 2);
61       @include tablet {
62         padding: ($commonPadding-vertical-tab / 2);
63       }
64       @include mobile {
65         padding: ($commonPadding-vertical-mob / 2);
66       }
67       @include hoverCursor($gray2, #000);
68     }
69   }
70 }
```

# 3. CSS Side bar



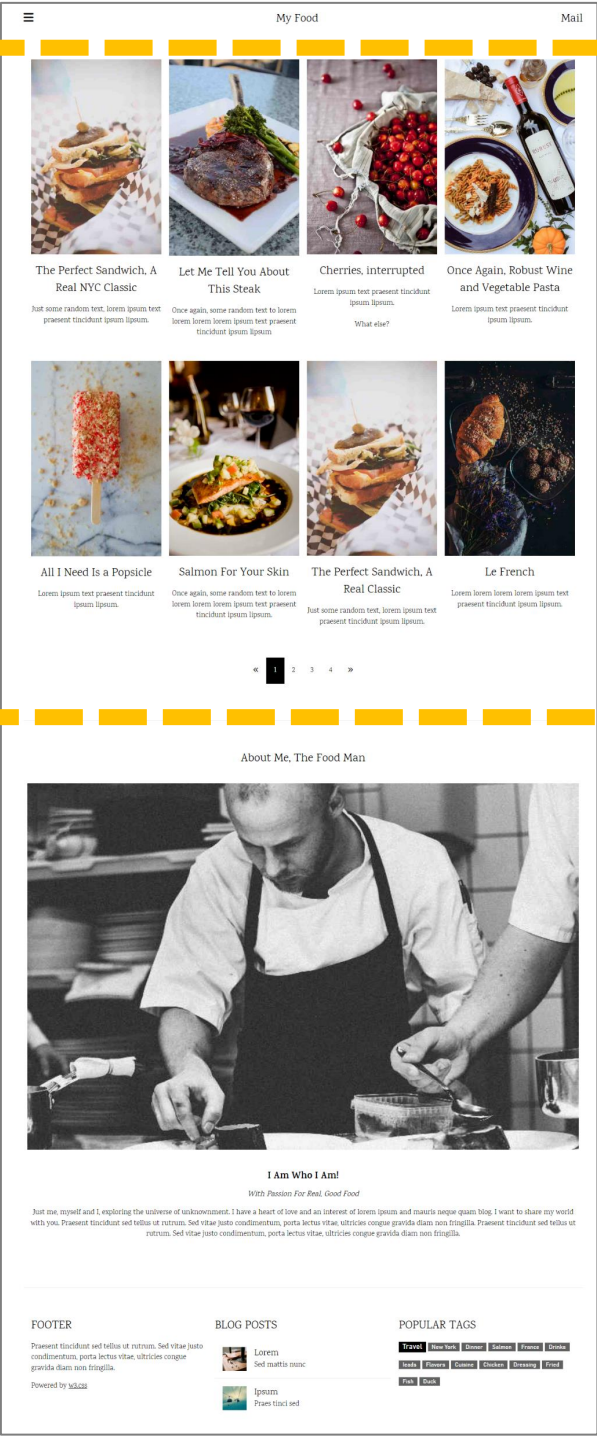
```
1  /* Side Navigation Menu */
2  .nav {
3      display: none;
4      width: 40%;
5      min-width: 200px;
6      height: 100%;
7      background-color: #fff;
8      box-shadow: 0 2px 5px rgba(0, 0, 0, 0.16),
9                0 2px 10px 0 rgb(0, 0, 0, 0.12);
10     position: fixed;
11     top: 0;
12     left: 0;
13     z-index: 99999;
14
15     animation: animateleft 0.4s;
16     @keyframes animateleft {
17         0% {
18             left: -300px;
19             opacity: 0;
20         }
21         100% {
22             left: 0;
23             opacity: 1;
24         }
25     }
26
27     a {
28         display: block;
29         width: 100%;
30         padding: $specialPadding-navButton;
31         font-size: $hFontSize;
32         @include tablet {
33             padding: $specialPadding-navButton-tab;
34             font-size: $hFontSize-tab;
35         }
36         @include mobile {
37             padding: $specialPadding-navButton-mob;
38             font-size: $hFontSize-mob;
39         }
40
41         @include hoverCursor($gray2, #000);
42     }
43 }
```

### 3. CSS Main wrap

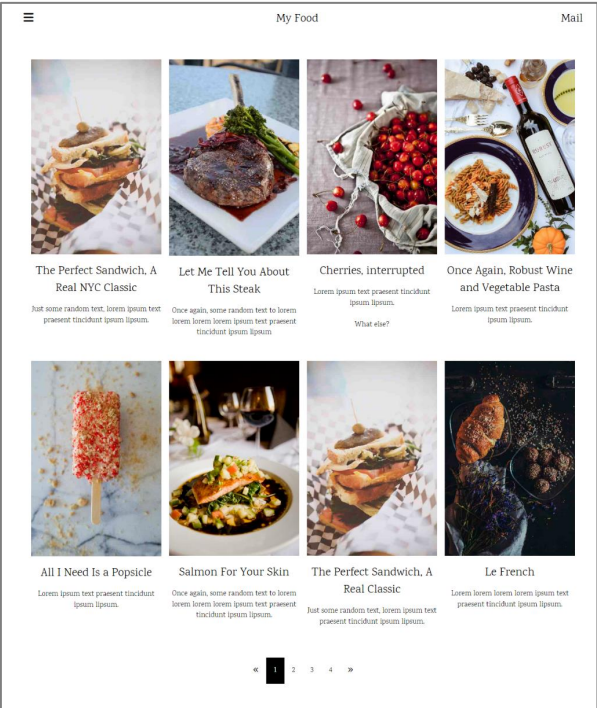




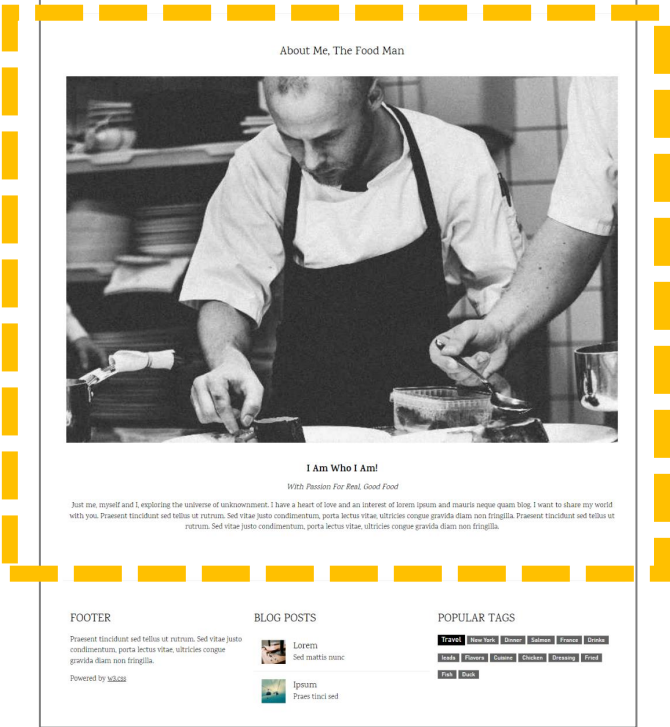
# 3. CSS Article 1 - Foods



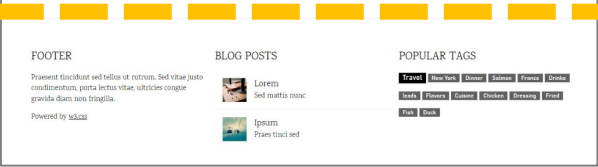
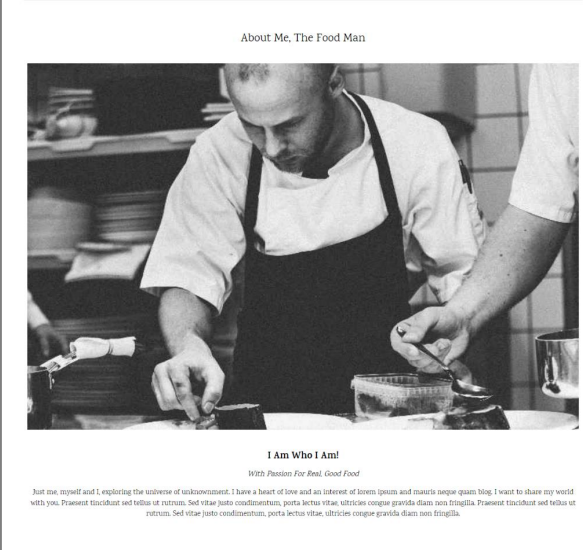
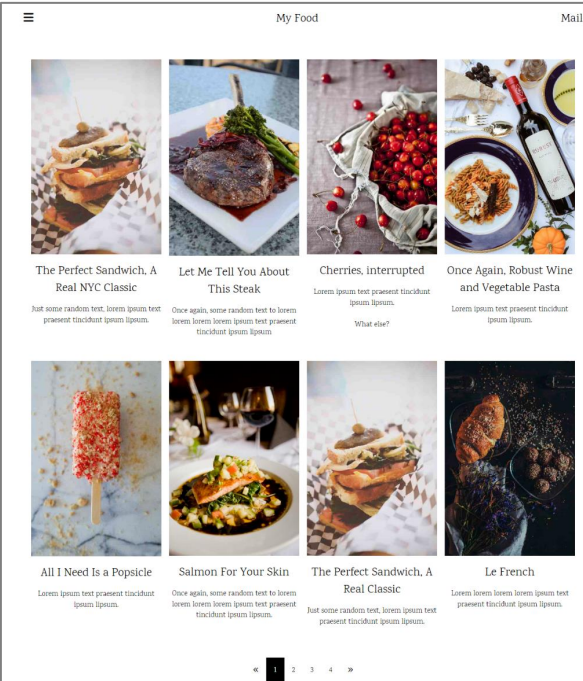
# 3. CSS Article 2 - About me



```
1  /* About */
2  .about {
3    padding: $commonPadding-vertical $commonPadding-horizontal;
4    text-align: center;
5    @include tablet {
6      padding: $commonPadding-vertical-tab $commonPadding-horizontal-tab;
7    }
8    @include mobile {
9      padding: $commonPadding-vertical-mob $commonPadding-horizontal-mob;
10   }
11
12   h3 {
13     margin: ($commonMargin-vertical - 5px) 0;
14     @include tablet {
15       margin: ($commonMargin-vertical-tab - 5px) 0;
16     }
17     @include mobile {
18       margin: ($commonMargin-vertical-mob - 5px) 0;
19     }
20   }
21
22   img {
23     display: block;
24     width: 100%;
25     margin: auto;
26   }
27
28   .about_intro {
29     padding: $commonPadding-vertical 0;
30     @include tablet {
31       padding: $commonPadding-vertical-tab 0;
32     }
33     @include mobile {
34       padding: $commonPadding-vertical-mob 0;
35     }
36
37     h6 {
38       font-weight: 400;
39     }
40   }
41 }
```



# 3. CSS Footer



```
1  /* Footer */
2  .footer {
3    width: 100%;
4    padding: $commonPadding-vertical $commonPadding-horizontal;
5    @include tablet {
6      padding: $commonPadding-vertical-tab $commonPadding-horizontal-tab;
7    }
8    @include mobile {
9      padding: $commonPadding-vertical-mob $commonPadding-horizontal-mob;
10   }
11
12   .footer_container {
13     width: 33.33333%;
14     padding: 0 $commonPadding-horizontal;
15     @include tablet {
16       padding: 0 $commonPadding-horizontal-tab;
17     }
18     @include mobile {
19       width: 100%;
20       padding: 0 $commonPadding-horizontal-mob;
21       margin-bottom: 15px;
22     }
23
24     float: left;
25
26     a {
27       text-decoration: underline;
28     }
29
30     ul {
31       li {
32         padding: ($commonPadding-vertical / 2);
33         border-top: 1px solid $gray1;
34         @include tablet {
35           padding: ($commonPadding-vertical-tab / 2);
36         }
37         @include mobile {
38           padding: ($commonPadding-vertical-mob / 2);
39         }
40
41         &:hover {
42           background-color: $gray2;
43         }
44
45         &:first-of-type {
46           border: none;
47         }
48
49         img {
50           width: 50px;
51           height: 50px;
52           float: left;
53
54           margin-right: $specialMargin-blogImg-right;
55           @include tablet {
56             margin-right: $specialMargin-blogImg-right-tab;
57             float: none;
58           }
59           @include mobile {
60             width: 30px;
61             height: 30px;
62             margin-right: $specialMargin-blogImg-right-mob;
63           }
64         }
65
66         span {
67           display: inline-block;
68           @include tablet {
69             display: inline;
70           }
71
72           &:first-of-type {
73             font-size: $fontSize + 3px;
74             @include tablet {
75               font-size: $fontSize-tab + 3px;
76             }
77             @include mobile {
78               font-size: $fontSize-mob + 3px;
79             }
80           }
81         }
82       }
83     }
84   }
```

## 4. JS



```
1  <script type="module">
2    const openBtn = document.querySelector('#open-menu');
3    const navBtns = document.querySelectorAll('.nav > a');
4    const nav = document.querySelector('.nav');
5
6    openBtn.addEventListener('click', e => {
7      e.preventDefault();
8      nav.style.display = "block";
9    });
10
11    navBtns.forEach(v => {
12      v.addEventListener('click', e => {
13        nav.style.display = "none";
14      });
15    });
16
17  </script>
18
19  <script type="module">
20    import exploreDom from './assets/helper/Dom.js';
21    exploreDom(document.querySelector('body'));
22  </script>
```

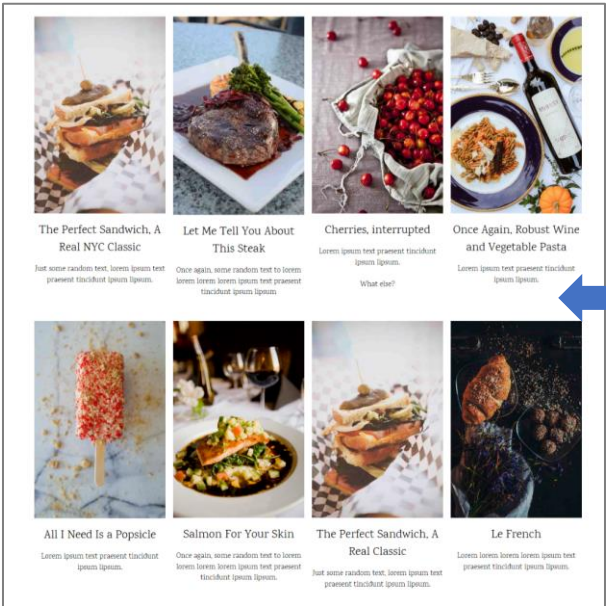
// Side bar 처리와 애니메이션 효과를 위한 js code



# 5. 작업 중 에러 처리

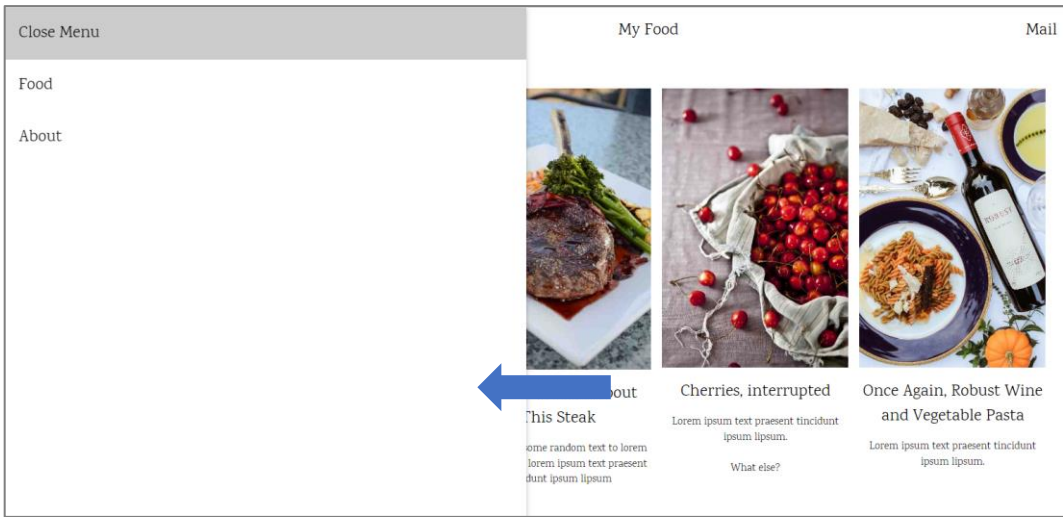
1. 본문 1의 float: left 처리된  
리스트 아이템들이 알 수 없는 이유로  
의도하지 않은 줄 바꿈 되는 현상

-> item 한 줄을 <div>로 감싸기 처리



2. Side bar의 <a> 클릭 시 페이지 최상단 이동,  
애니메이션과 숨기기 처리에서 시간 소요

-> @keyframe을 통한 animation 진행도 처리 구체 명세,  
querySelector + addEventListener + Element.style 이용,  
display와 opacity를 변경함으로 Side bar animation 완성





## 6. 작업 소요 시간 및 소감

총 작업 소요 시간:

8시간

퍼센테이지(%)로 주는 속성의 상속 관계와  
float과 position 등의 위치 속성을 다룰 때  
정확한 설계가 필요함을 체득하였습니다.

또한 scss 문법을 이용해  
조금 더 가시적으로 css 구조를 명시하고  
변수와 참조 등 기존의 css에서  
확장된 기능을 실습해보며  
다양한 스킬을 익힐 수 있었습니다.

# 감사합니다

↓ 결과물 웹 주소

[http://sqhtjs0104.dothome.co.kr/food\\_clone/](http://sqhtjs0104.dothome.co.kr/food_clone/)