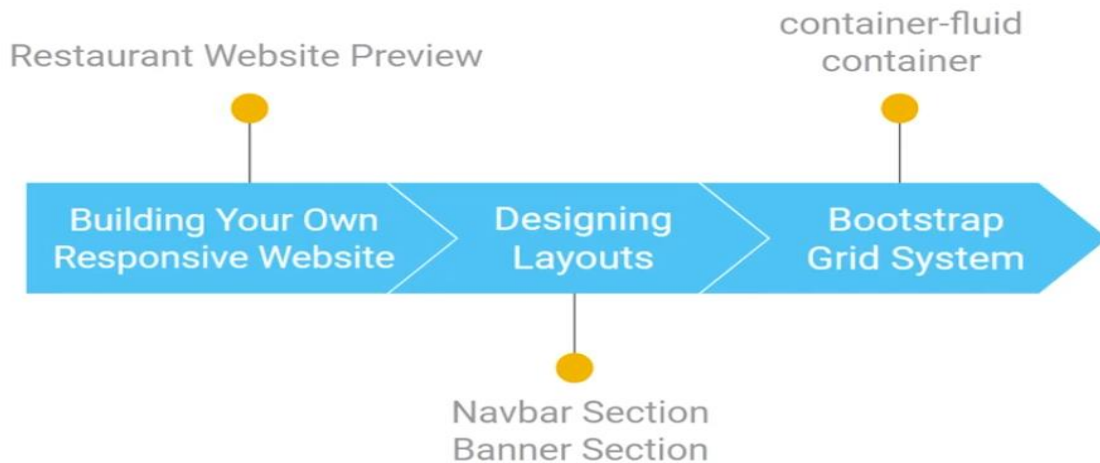


# Building Your Own Responsive Website

(Banner Section)

Agenda

## Building Your Own Responsive Website



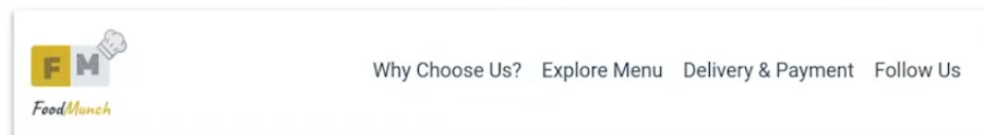
## Building Your Own Responsive Website



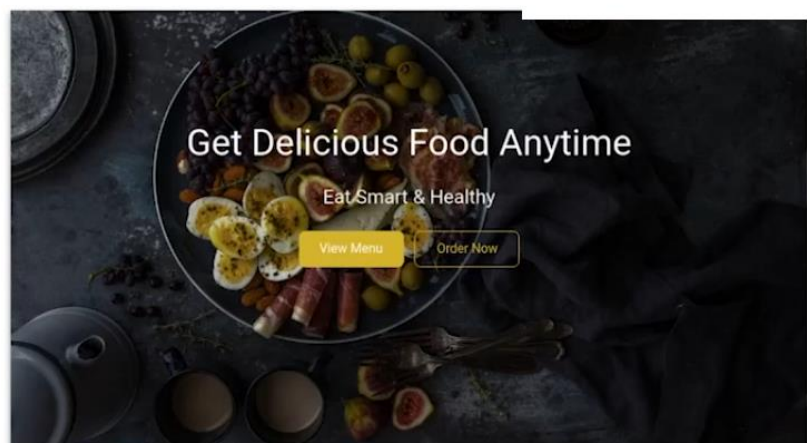
Let's Build a Responsive Website  
for a Restaurant



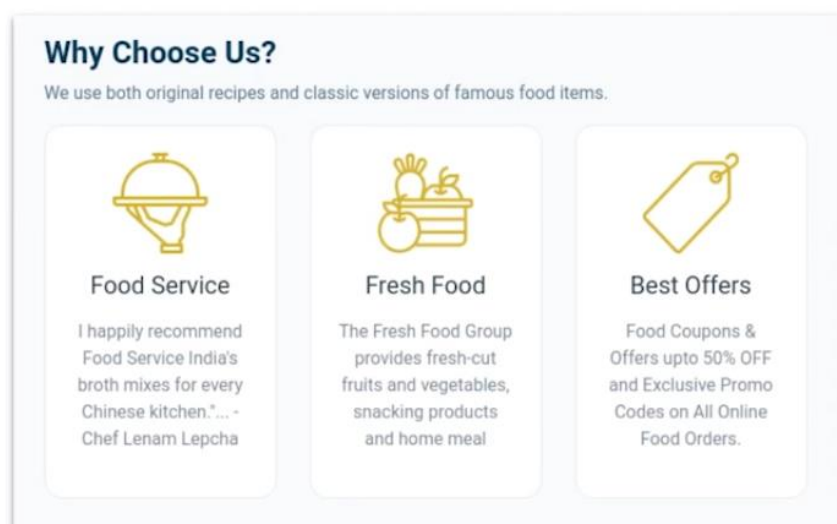
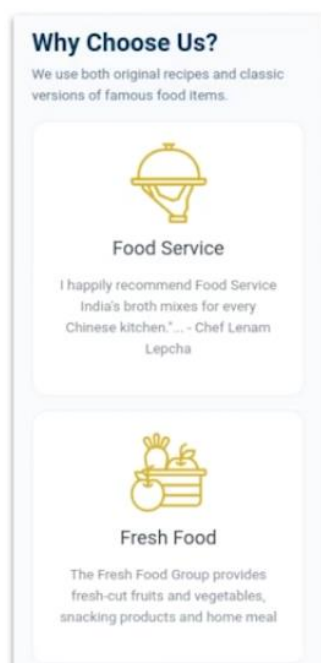
## Navbar Section



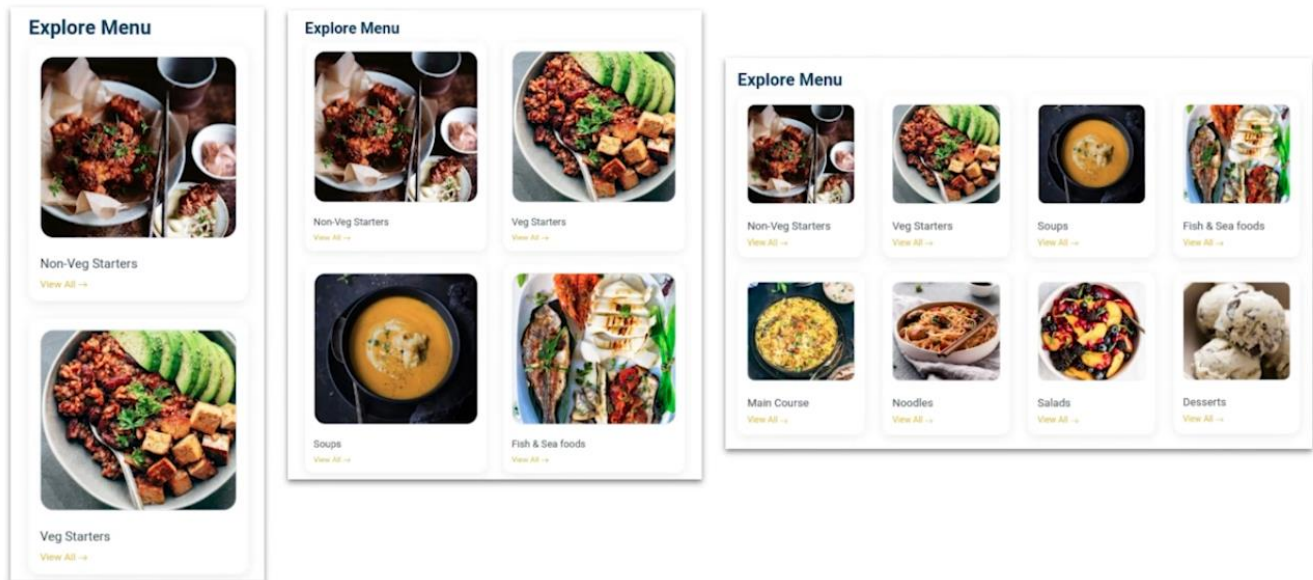
## Banner Section



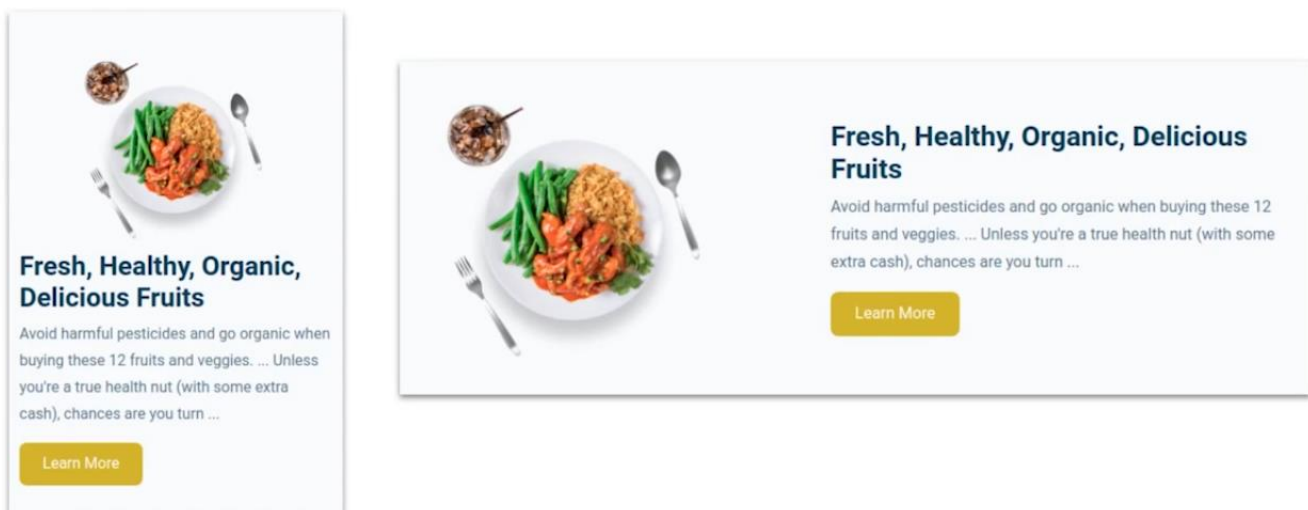
## Why Choose Us? Section



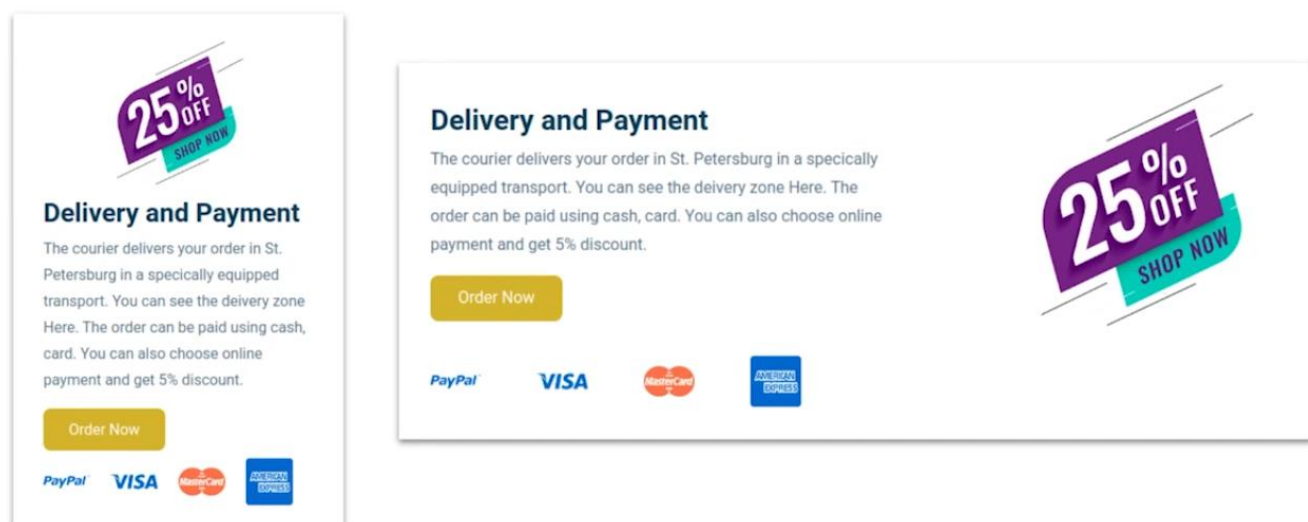
## Explore Menu Section



## Healthy Food Section



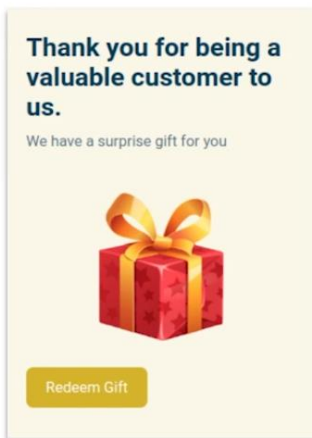
## Delivery and Payment Section





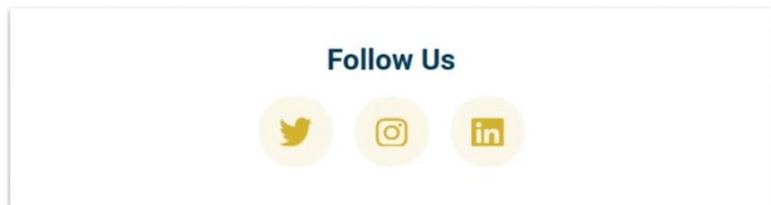
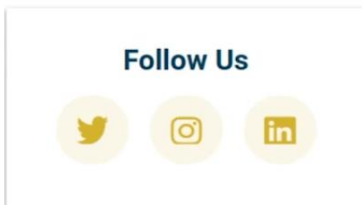
Example - Restaurant Website

## Thanking Customers Section



Example - Restaurant Website

## Follow Us Section



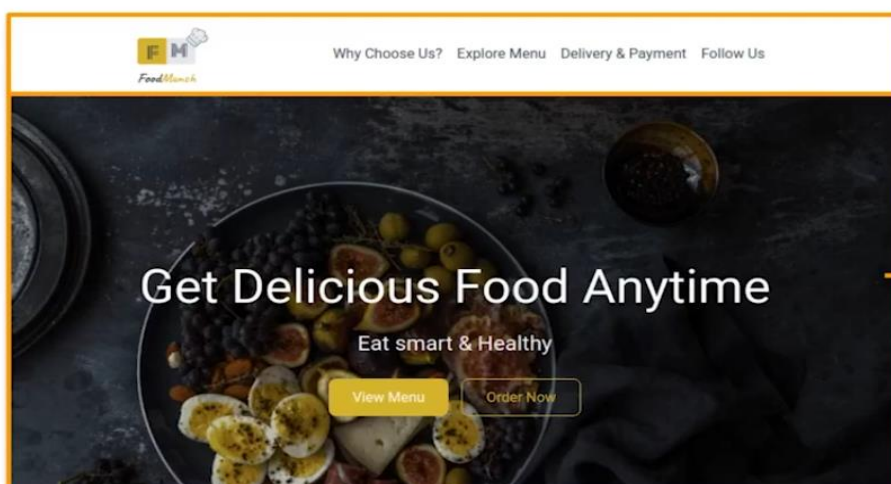
Example - Restaurant Website

## Footer Section



Agenda

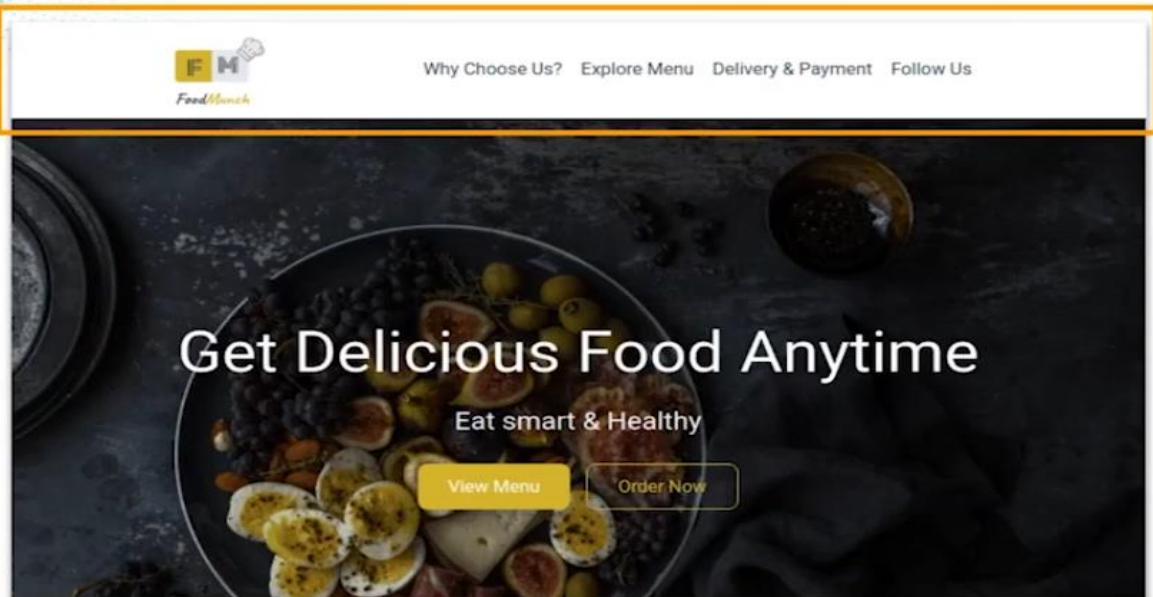
## Navbar and Banner Sections



Navbar Section

Banner Section

# Let's add Restaurant Website Navbar



## Restaurant Website Navbar



## Bootstrap Navbar

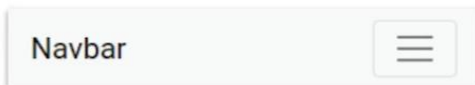
### Code

HTML

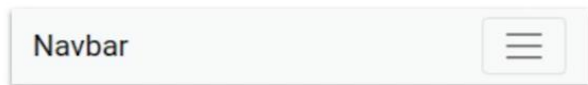
```
<nav class="navbar navbar-expand-lg navbar-light bg-light">
  <a class="navbar-brand" href="#">Navbar</a>
  <button class="navbar-toggler" type="button" data-toggle="collapse"
    data-target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup"
    aria-expanded="false" aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
  </button>
  <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
    <div class="navbar-nav">
      <a class="nav-link active" href="#">Home <span class="sr-only">(current)</span></a>
      <a class="nav-link" href="#">Features</a>
      <a class="nav-link" href="#">Pricing</a>
      <a class="nav-link disabled" href="#" tabindex="-1" aria-disabled="true">Disabled</a>
    </div>
  </div>
</nav>
```

# Output

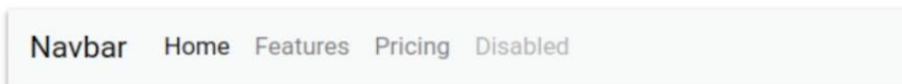
Small & Extra Small Devices



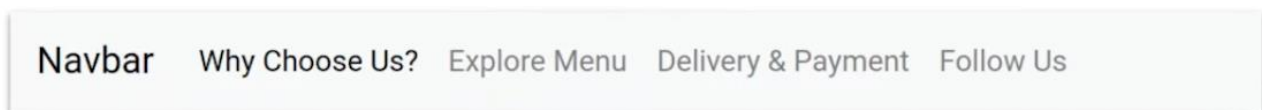
Medium Devices



Large & Extra Large Devices



Let's change Navbar Items  
Inside the Bootstrap Navbar



Restaurant Website Navbar

## Nav Items Inside Navbar

HTML

```
...  
<div class="navbar-nav">  
  <a class="nav-link active" href="#">  
    Home <span class="sr-only">(current)</span>  
  </a>  
  <a class="nav-link" href="#">Features</a>  
  <a class="nav-link" href="#">Pricing</a>  
  <a class="nav-link disabled" href="#" tabindex="-1"  
    aria-disabled="true">  
    Disabled  
  </a>  
</div>  
...
```

## Steps to change Nav Items

### Steps:

- Remove Disabled Nav Item
- Copy-Paste Nav Item to add new Nav Items
- Change the Nav Link Item names



## Changing Nav Items inside Navbar

HTML

...

```
<div class="navbar-nav">
  <a class="nav-link active" href="#">
    Why Choose Us?
    <span class="sr-only">(current)</span>
  </a>
  <a class="nav-link" href="#"> Explore Menu </a>
  <a class="nav-link" href="#"> Delivery & Payment </a>
  <a class="nav-link" href="#"> Follow Us </a>
</div>
```

## Output

Navbar   Why Choose Us?   Explore Menu   Delivery & Payment   Follow Us



## Let's style Nav Link texts

Navbar Why Choose Us? Explore Menu Delivery & Payment Follow Us



Navbar Why Choose Us? Explore Menu Delivery & Payment Follow Us

Restaurant Navbar

### Styling Nav Link Items

HTML

```
...  
<a class="nav-link active custom-nav-link" href="#">  
  Why Choose Us?  
  <span class="sr-only">(current)</span>  
</a>  
<a class="nav-link custom-nav-link" href="#">  
  Explore Menu  
</a>  
<a class="nav-link custom-nav-link" href="#">  
  Delivery & Payment  
</a>  
<a class="nav-link custom-nav-link" href="#">  
  Follow Us  
</a>  
...
```

CSS

```
.custom-nav-link {  
  color: #323f4b;  
  font-family: "Roboto";  
}
```

#323f4b

Restaurant Navbar

### Styling Nav Link Items

Navbar Why Choose Us? Explore Menu Delivery & Payment Follow Us

Why were the styles  
not applied?

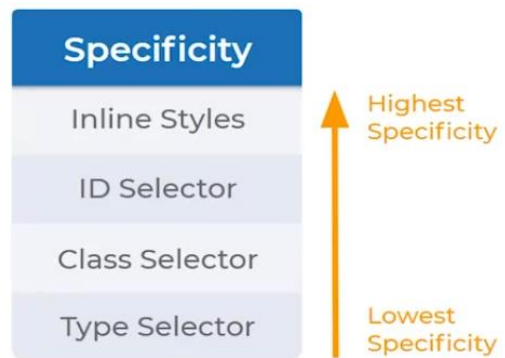




# Specificity

Bootstrap already applied styles to the Navbar Items.

So, to override them we need to use the selectors with higher specificity



Styling

## Adding ID's for Nav Items

```
...
<a class="nav-link active" id="navItem1" href="#">
  Why Choose Us?
  <span class="sr-only">(current)</span>
</a>
<a class="nav-link" id="navItem2" href="#">
  Explore Menu
</a>
<a class="nav-link" id="navItem3" href="#">
  Delivery & Payment
</a>
<a class="nav-link" id="navItem4" href="#">
  Follow Us
</a>
...
```

HTML

Restaurant Navbar

## Styling Nav Link Items using ID Selectors

```
#navItem1 {
  color: #323f4b;
  font-family: "Roboto";
}
#navItem2 {
  color: #323f4b;
  font-family: "Roboto";
}
```

CSS

```
#navItem3 {
  color: #323f4b;
  font-family: "Roboto";
}
#navItem4 {
  color: #323f4b;
  font-family: "Roboto";
}
```

CSS

## Styling Nav Link Items

Navbar Why Choose Us? Explore Menu Delivery & Payment Follow Us

Let's add a Logo  
to our Navbar



Restaurant Website Navbar  
Logo in Navbar



Restaurant Website Navbar

## Adding Logo and Styling it

HTML

```
<nav class="navbar navbar-expand-md navbar-light bg-white">  
  <a class="navbar-brand" href="#">Navbar </a>  
  ...  
</nav>
```

## Adding Logo and Styling it

HTML

```
<nav class="navbar navbar-expand-md navbar-light bg-white">
  <a class="navbar-brand" href="#">
    
  </a>
  ...
</nav>
```

CSS

```
.food-munch-logo {
  width: 80px;
  height: 70px;
}
```

Adding Logo and Styling it

## Output

Small & Extra Small Devices



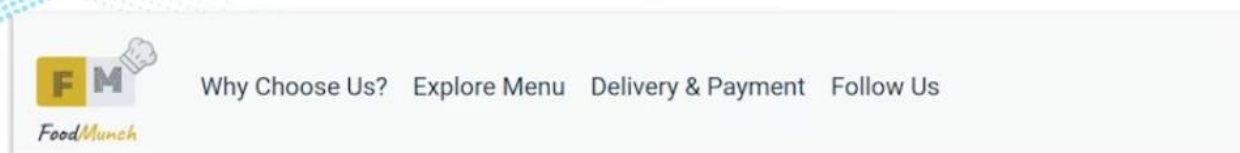
Medium Devices



Large & Extra Large Devices



## How to align Navbar Items to the right?





## Margin

Apart from numbers 0-5, margin can also take another value **auto**

Possible Values:

- m-auto
- ml-auto
- mr-auto

Size	Value
0	0
1	0.25 * spacer
2	0.5 * spacer
3	1 * spacer
4	1.5 * spacer
5	3 * spacer

Restaurant Website Navbar

## Aligning Navbar Items

[HTML](#)

```
<nav class="navbar navbar-expand-sm navbar-light bg-white">
  ...
  <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
    <div class="navbar-nav ms-auto">
      ...
    </div>
  </div>
</nav>
```

Aligning Navbar Items

## Output



[Why Choose Us?](#) [Explore Menu](#) [Delivery & Payment](#) [Follow Us](#)

# Let's change the Background Color Of the Navbar



377143 Restaurant Website Navbar

## Class Names

bg-primary



bg-secondary



bg-success



bg-info



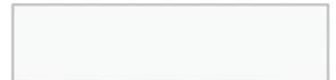
bg-warning



bg-danger



bg-light



bg-dark



bg-white



Restaurant Website Navbar

## Changing Background Color

HTML

```
<nav class="navbar navbar-expand-lg navbar-light bg-white">
```

...

```
</nav>
```

## Output

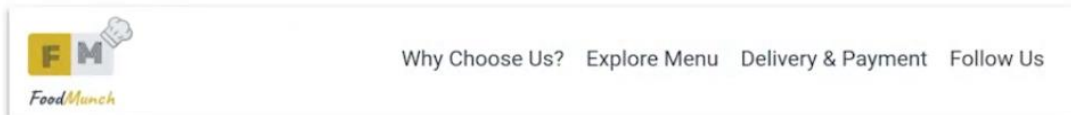
### Small & Extra Small Devices



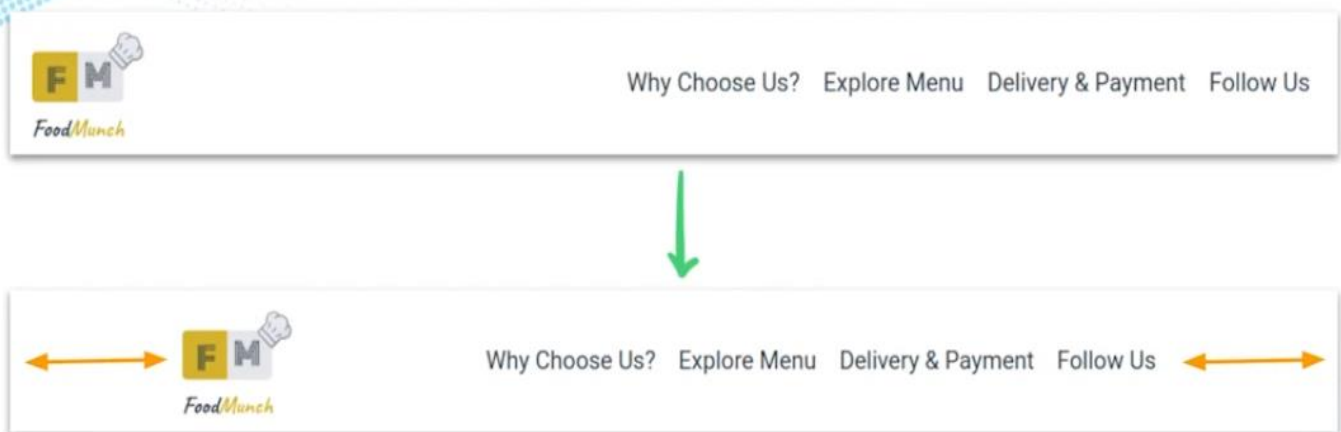
### Medium Devices



### Large & Extra Large Devices



## How to get Horizontal space around Navbar Items?



### Bootstrap Grid System

## Container

**Container** provides default left and right spacings starting from smaller devices for better user experience.

```
<div class="container">  
  ...  
</div>
```





## Container at Different Breakpoints

Device	Device Size(width)	Container Max Width
Extra small devices	< 576px	100%
Small devices	>= 576px	540px
Medium devices	>= 768px	720px
Large devices	>= 992px	960px
Extra large devices	>= 1200px	1140px

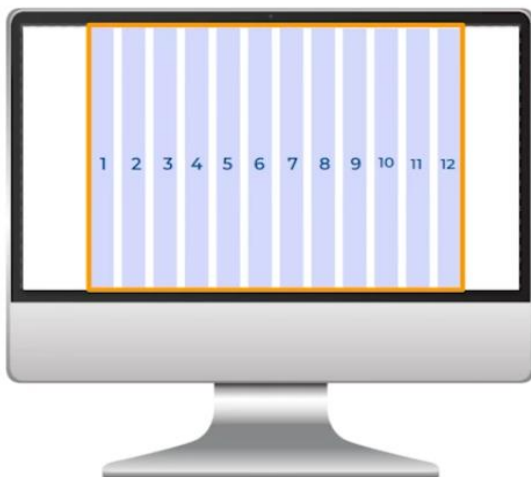
## Fluid Container

If we don't need the space,  
we can use **container-fluid** class name  
instead of **container** class name

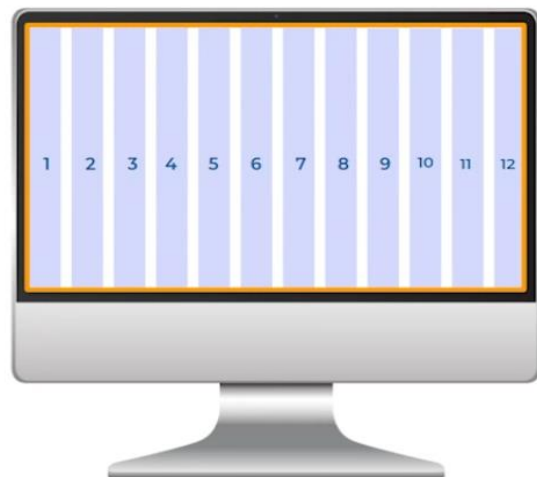
```
<div class="container-fluid">
  ...
</div>
```

.container-fluid

## Containers



Container



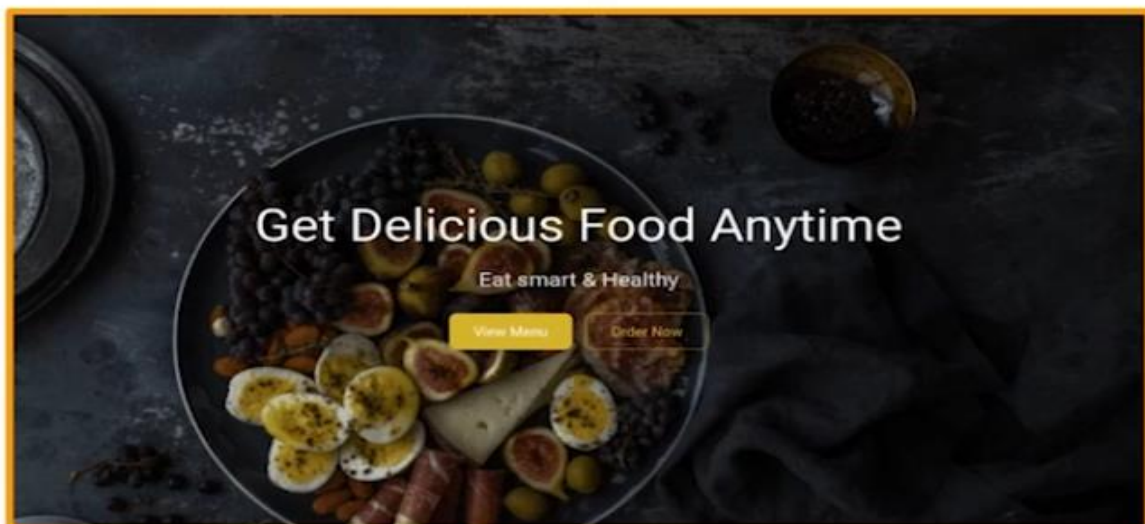
Fluid Container

## Spacing Around Navbar Items

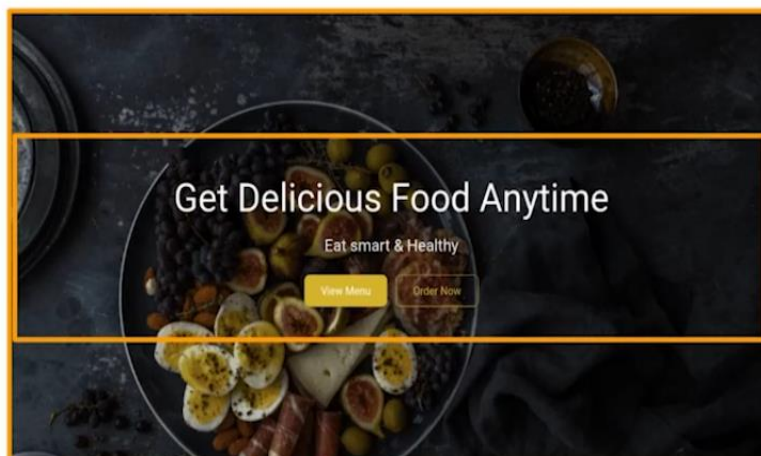
HTML

```
<nav class="navbar navbar-expand-lg navbar-light bg-white">
  <div class="container">
    ...
  </div>
</nav>
```

## Let's build the Banner Section



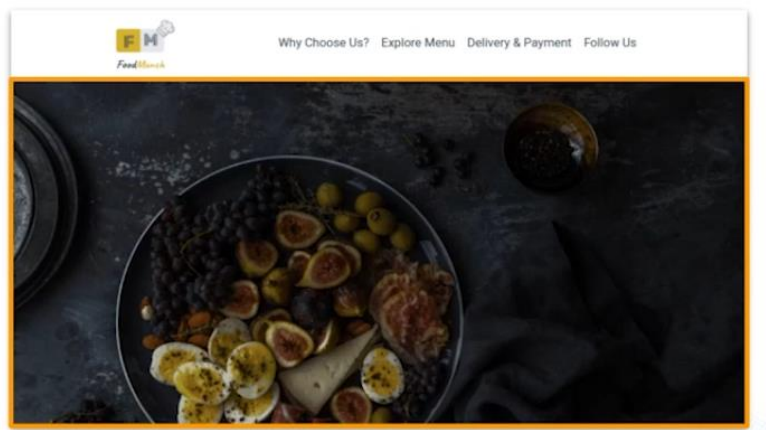
## Banner Section



Banner Section  
Background Container

Banner Section  
Content

## Let's add Banner Section Background Container



Banner Section

## Adding Background Container

HTML

```
<body>
  ...
  <div class="banner-section-bg-container">
  </div>
</body>
```

CSS

```
.banner-section-bg-container {
  height: 100vh;
  background-image: url("Image URL");
  background-size: cover;
}
```

## Let's add Banner Content inside Background Container



Banner Section

## Adding Banner Section Content Container

HTML

```
...
<div class="banner-section-bg-container">
  <div>
  </div>
</div>
...
```



## Adding Banner Heading

```
...
<div class="banner-section-bg-container">
  <div>
    <h1 class="banner-heading">
      Get Delicious Food Anytime
    </h1>
  </div>
</div>
143
...
```

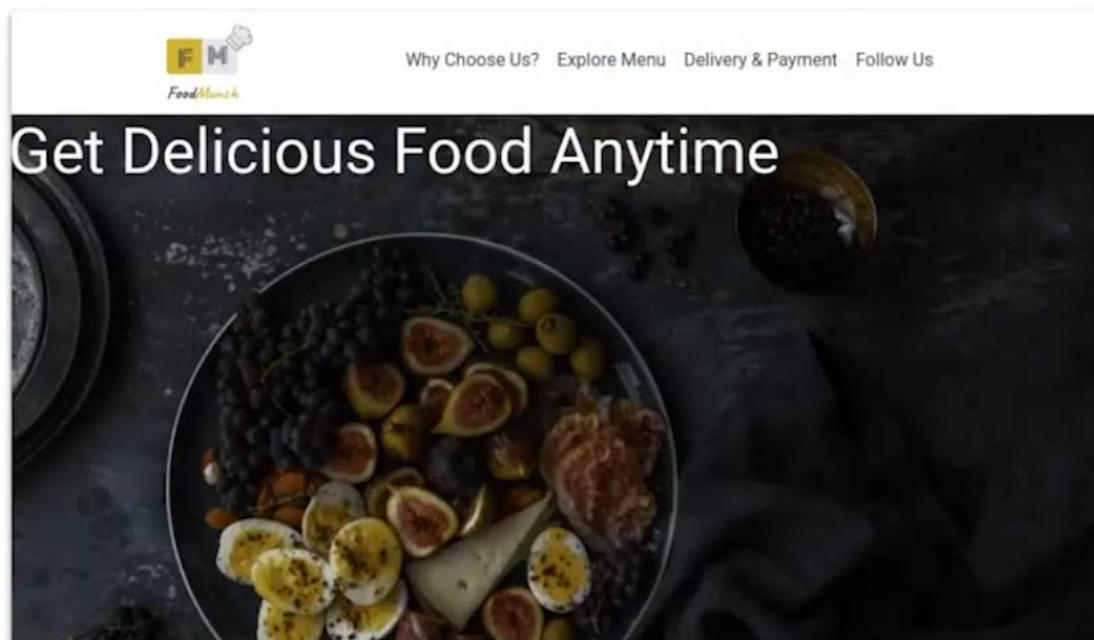
HTML

```
.banner-heading {
  color: white;
  font-family: "Roboto";
  font-size: 45px;
  font-weight: 300;
}
```

CSS

Adding Banner Heading

## Output



## Adding Banner Caption

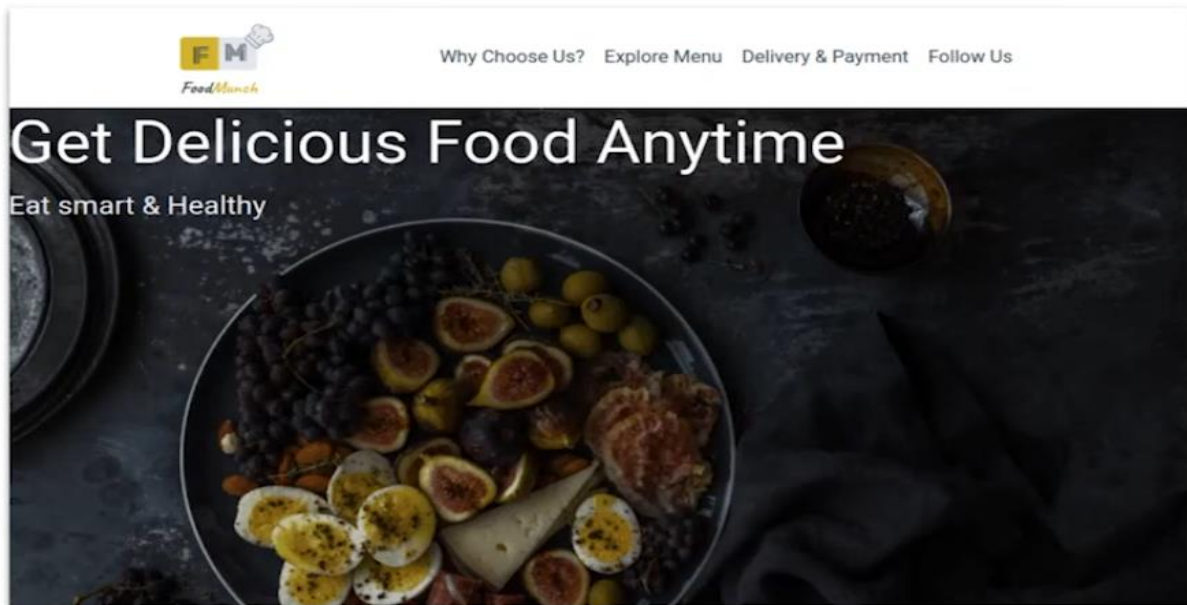
```
...
<div>
  <h1 class="banner-heading">
    Get Delicious Food Anytime
  </h1>
  <p class="banner-caption">
    Eat smart & Healthy
  </p>
</div>
```

HTML

```
.banner-caption {
  color: #f5f7fa;
  font-family: "Roboto";
  font-size: 24px;
  font-weight: 300;
}
```

CSS

## Output



Banner Section

## Adding View Menu Button

```
...  
<div>  
  ...  
  <button class="custom-button">  
    View Menu  
  </button>  
</div>  
...
```

HTML

143

View Menu

```
.custom-button {  
  width: 130px;  
  height: 45px;  
  color: white;  
  background-color: #d0b200;  
  border-width: 0;  
  border-radius: 8px;  
  margin-right: 10px;  
}
```

CSS

Banner Section

## Adding Order Now Button

```
...  
<div>  
  ...  
  <button class="custom-outline-button">  
    Order Now  
  </button>  
</div>  
...
```

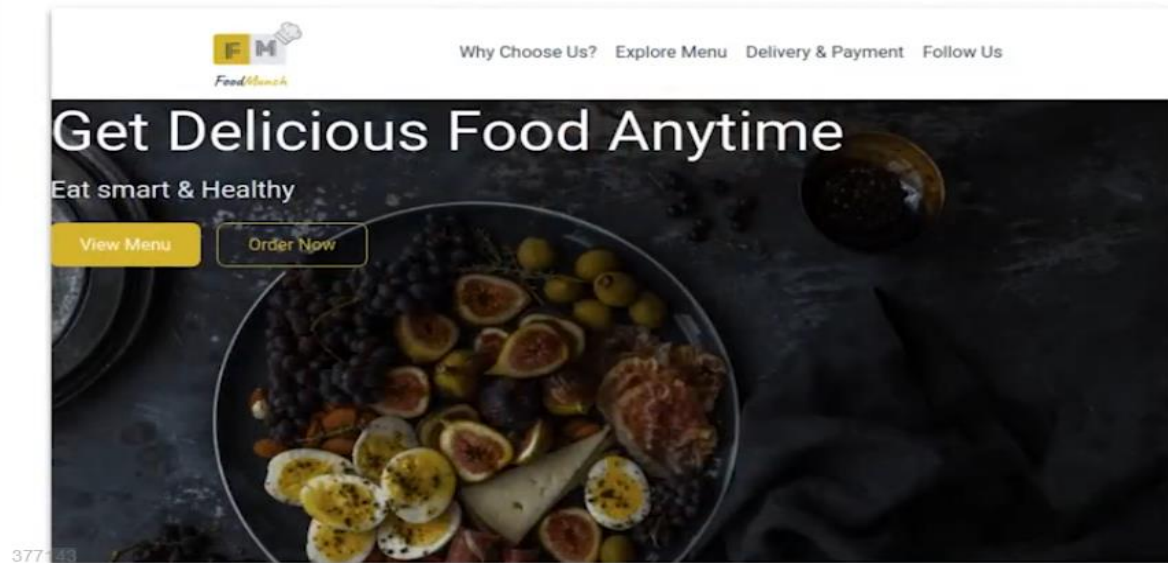
HTML

Order Now

```
.custom-outline-button {  
  width: 130px;  
  height: 45px;  
  color: #d0b200;  
  background-color: transparent;  
  border-width: 1px;  
  border-style: solid;  
  border-color: #d0b200;  
  border-radius: 8px;  
}
```

CSS

## Output

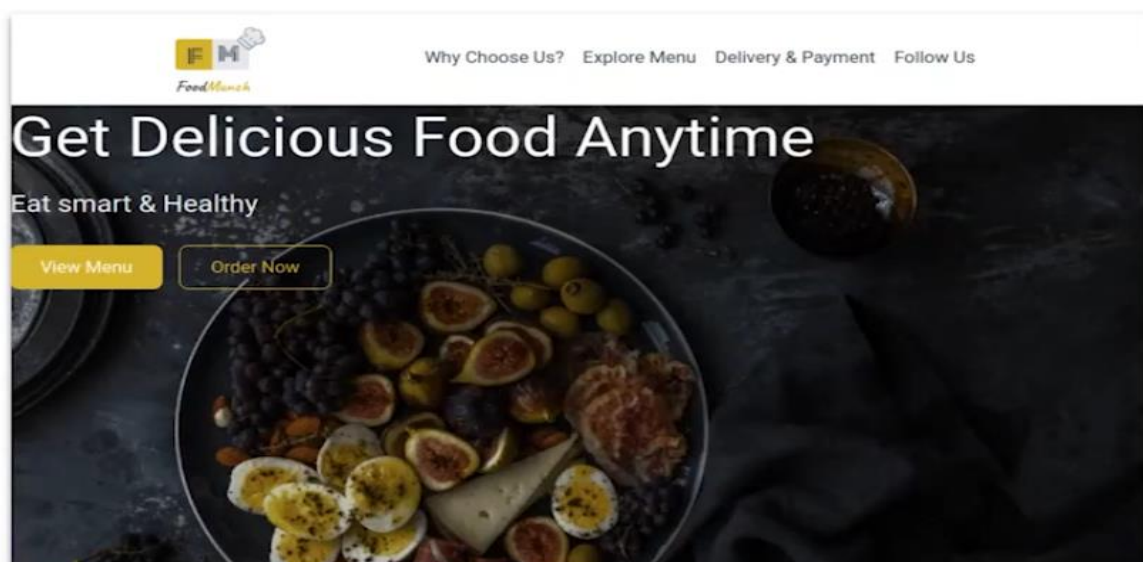


Banner Section

## Adding Spacings between Content



## Output





# Let's Center Align Banner Content Horizontally



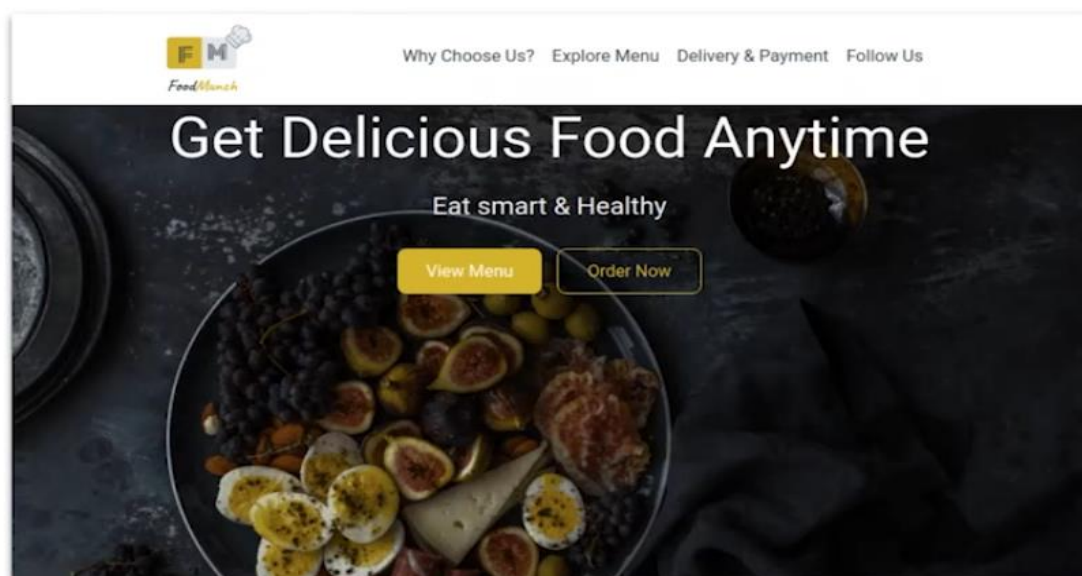
Banner Section

## Aligning Banner Content to the Center

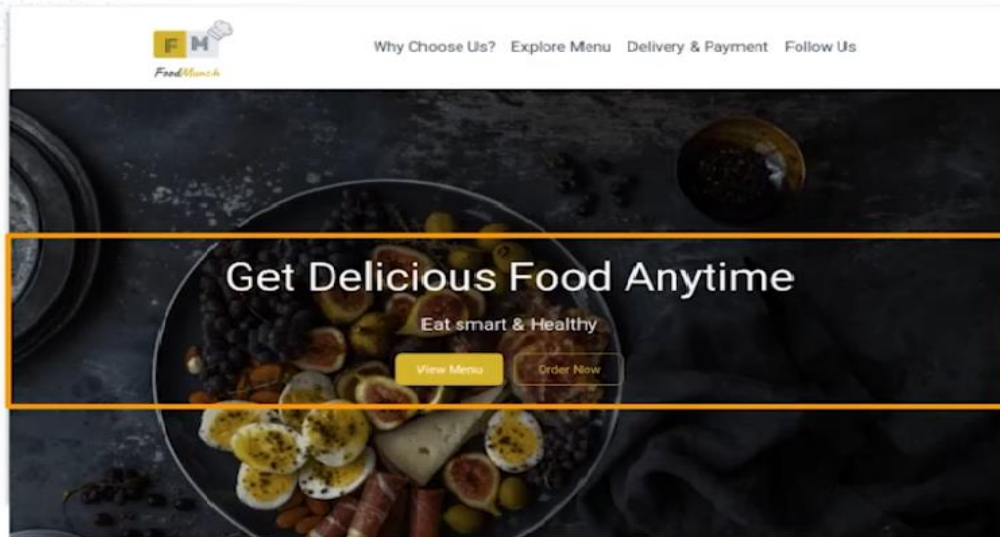
```
...
<div class="banner-section-bg-container">
  <div class="text-center">
    ...
  </div>
</div>
...
```

Aligning Banner Content to the Center

## Output



## How to center align Banner Content Vertically inside Background Container ?



Banner Section

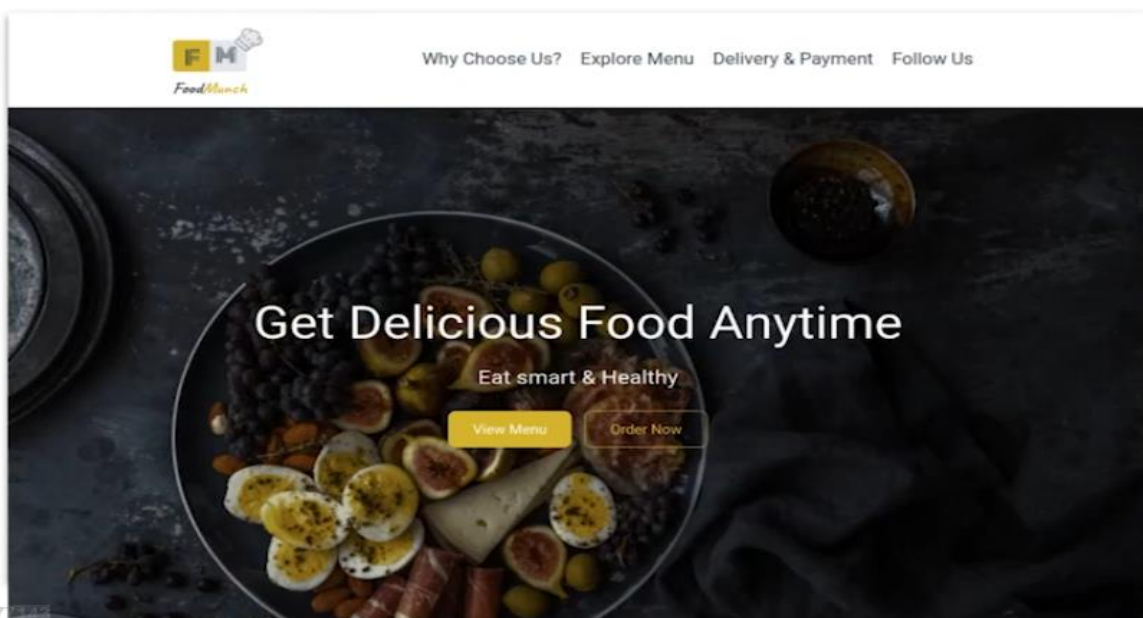
## Aligning Banner Content Vertically Center

HTML

```
...  
<div class="banner-section-bg-container d-flex flex-column justify-content-center">  
  <div class="text-center">  
    ...  
  </div>  
</div>  
...
```

Aligning Banner Content to the Center

## Output



## Key Takeaways

- Designing Layouts
  - Navbar Section
  - Banner Section
- Bootstrap Grid System
  - container
  - container-fluid



## Next Session

## Why Choose Us? Section

### Why Choose Us?

We use both original recipes and classic versions of famous food items.



#### Food Service

I happily recommend Food Service India's broth mixes for every Chinese kitchen."... - Chef Lenam Lepcha



#### Fresh Food

The Fresh Food Group provides fresh-cut fruits and vegetables, snacking products and home meal



#### Best Offers

Food Coupons & Offers upto 50% OFF and Exclusive Promo Codes on All Online Food Orders.

## HTML Code

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Document</title>

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

  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">

  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.j
s" integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>

  <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js
" integrity="sha384-
IQsoLXl5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"
crossorigin="anonymous"></script>

  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js"
integrity="sha384-
cVKIPhGWic2Al4u+LWgxfKTRlcfu0JTxR+EQDz/bgldoEyl4H0zUF0QKbrJ0EcQF"
crossorigin="anonymous"></script>

</head>

<body>

  <!--<nav class="navbar navbar-expand-lg navbar-light bg-light">
```



```
<div class="container-fluid">
```

```
  <a class="navbar-brand" href="#">Navbar</a>
```

```
  <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup"
aria-expanded="false" aria-label="Toggle navigation">
```

```
    <span class="navbar-toggler-icon"></span>
```

```
  </button>
```

```
<div class="collapse navbar-collapse" id="navbarNavAltMarkup">
```

```
  <div class="navbar-nav">
```

```
    <a class="nav-link active custom-nav-link" aria-current="page" href="#">
```

```
      Why Choose Us?</a>
```

```
    <a class="nav-link custom-nav-link" href="#">Explore menu</a>
```

```
    <a class="nav-link custom-nav-link" href="#">Delivery & Payment</a>
```

```
    <a class="nav-link custom-nav-link" href="#">Follow Us</a>
```

```
  </div>
```

```
</div>
```

```
</div>
```

```
</nav>-->
```

```
<!--Adding Id Selectors-->
```

```
<nav class="navbar navbar-expand-lg navbar-light <!--bg-light--> bg-white">
```

```
  <div class="container-fluid <!--container-->">
```

```
    <a class="navbar-brand" href="#">
```

```
      
```

```
    </a>
```

```
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup"
aria-expanded="false" aria-label="Toggle navigation">
```

```

        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
        <div class="navbar-nav ms-auto">
            <a class="nav-link active" id="navitem-1" aria-current="page" href="#">
                Why Choose Us?</a>
            <a class="nav-link" id="navitem-2" href="#">Explore menu</a>
            <a class="nav-link" id="navitem-3" href="#">Delivery & Payment</a>
            <a class="nav-link" id="navitem-4" href="#">Follow Us</a>

        </div>
    </div>
</div>
</nav>

</body>
</html>

```

## CSS Code

```

@import
url('https://fonts.googleapis.com/css2?family=Bree+Serif&family=Caveat:wght@400;700&family=Lobster&family=Monoton&family=Open+Sans:ital,wght@0,400;0,700;1,400;1,700&family=Playfair+Display+SC:ital,wght@0,400;0,700;1,700&family=Playfair+Display:ital,wght@0,400;0,700;1,700&family=Roboto:ital,wght@0,400;0,700;1,400;1,700&family=Source+Sans+Pro:ital,wght@0,400;0,700;1,700&family=Work+Sans:ital,wght@0,400;0,700;1,700&display=swap');

.custom-nav-link
{
    color: #323f4b;

    font-family: "Roboto";
}

```

```
}
```

```
#navitem-1
```

```
{
```

```
    color: #323f4b;
```

```
    font-family: "Roboto";
```

```
}
```

```
#navitem-2
```

```
{
```

```
    color: #323f4b;
```

```
    font-family: "Roboto";
```

```
}
```

```
#navitem-3
```

```
{
```

```
    color: #323f4b;
```

```
    font-family: "Roboto";
```

```
}
```

```
#navitem-4
```

```
{
```

```
    color: #323f4b;
```

```
    font-family: "Roboto";
```

```
}
```

```
.food-munch-logo
```

```
{
```

```
    width: 80px;
```

```
    height: 70px;
```

```
}
```

## HTML Code (Banner Section)

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

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

<link

href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"

rel="stylesheet" integrity="sha384-

EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfspd3yD65VohhpuuCOmLASjC"

crossorigin="anonymous">

<script

src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.j

s" integrity="sha384-

MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"

crossorigin="anonymous"></script>

<script

src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js

" integrity="sha384-

IQsoLXl5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"

crossorigin="anonymous"></script>

<script

src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.min.js"

integrity="sha384-

cVKIPhGWic2Al4u+LWgxfKTRlcfu0JTxR+EQDz/bgldoEyl4H0zUF0QKbrJ0EcQF"

crossorigin="anonymous"></script>

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-light <!--bg-light--> bg-white">



```

<div class="container">

  <a class="navbar-brand" href="#">

  </a>

  <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup"
aria-expanded="false" aria-label="Toggle navigation">

    <span class="navbar-toggler-icon"></span>

  </button>

  <div class="collapse navbar-collapse" id="navbarNavAltMarkup">

    <div class="navbar-nav ms-auto">

      <a class="nav-link active" id="navitem-1" aria-current="page" href="#">
        Why Choose Us?</a>

      <a class="nav-link" id="navitem-2" href="#">Explore menu</a>

      <a class="nav-link" id="navitem-3" href="#">Delivery & Payment</a>

      <a class="nav-link" id="navitem-4" href="#">Follow Us</a>

    </div>

  </div>

</div>

</div>

</div>

</nav>

<!--Banner Section-->

<div class="banner-section-bg-container <!--d-flex flex-column justify-content-
center"-->>

  <div <!--class="text-center"-->> <!--text center is a bootstrap class name-->

    <h1 class="heading mb-3">

      Get Delicious Food Any time
    
```

</h1>

<p class="banner-caption mb-4">

Eat smart & Healthy

</p>

<button class="custom-button">

View Menu

</button>

<button class="custom-outline-button">

Order Now

</button>

</div>

</div>

</body>

</html>

## **CSS Code:**

@import

url('https://fonts.googleapis.com/css2?family=Bree+Serif&family=Caveat:wght@400;700&family=Lobster&family=Monoton&family=Open+Sans:ital,wght@0,400;0,700;1,400;1,700&family=Playfair+Display+SC:ital,wght@0,400;0,700;1,700&family=Playfair+Display:ital,wght@0,400;0,700;1,700&family=Roboto:ital,wght@0,400;0,700;1,400;1,700&family=Source+Sans+Pro:ital,wght@0,400;0,700;1,700&family=Work+Sans:ital,wght@0,400;0,700;1,700&display=swap');

.custom-nav-link

```
{  
    color: #323f4b;  
    font-family: "Roboto";  
}
```

#navitem-1

```
{  
    color: #323f4b;  
    font-family: "Roboto";  
}
```

#navitem-2

```
{  
    color: #323f4b;  
    font-family: "Roboto";  
}
```

#navitem-3

```
{  
    color: #323f4b;  
    font-family: "Roboto";  
}
```

#navitem-4

```
{  
    color: #323f4b;  
    font-family: "Roboto";  
}
```

```
}  
.food-munch-logo  
{  
  width: 80px;  
  height: 70px;  
}  
.banner-section-bg-container  
{  
  height: 100vh;  
  background-image:  
url("https://d1tgh8fmlzexmh.cloudfront.net/ccbp-responsive-  
website/foodmunch-banner-bg.png");  
  background-size: cover;  
}  
.heading  
{  
  color: white;  
  font-family: "Roboto";  
  font-size: 45px;  
  font-weight: 300;  
}  
.banner-caption  
{  
  color: #f5f7fa;  
  font-family: "Roboto";
```



```
    font-size: 24px;
    font-weight: 300;
}

.custom-button
{
    width: 130px;
    height: 45px;
    color: white;
    background-color: #d0b200;
    border-width: 0;
    border-radius: 8px;
    margin-right: 10px;
}

.custom-outline-button
{
    width: 130px;
    height: 45px;
    color: #d0b200;
    background-color: transparent;
    border-width: 1px;
    border-style: solid;
    border-color: #d0b200;
    border-radius: 8px;
}
```

