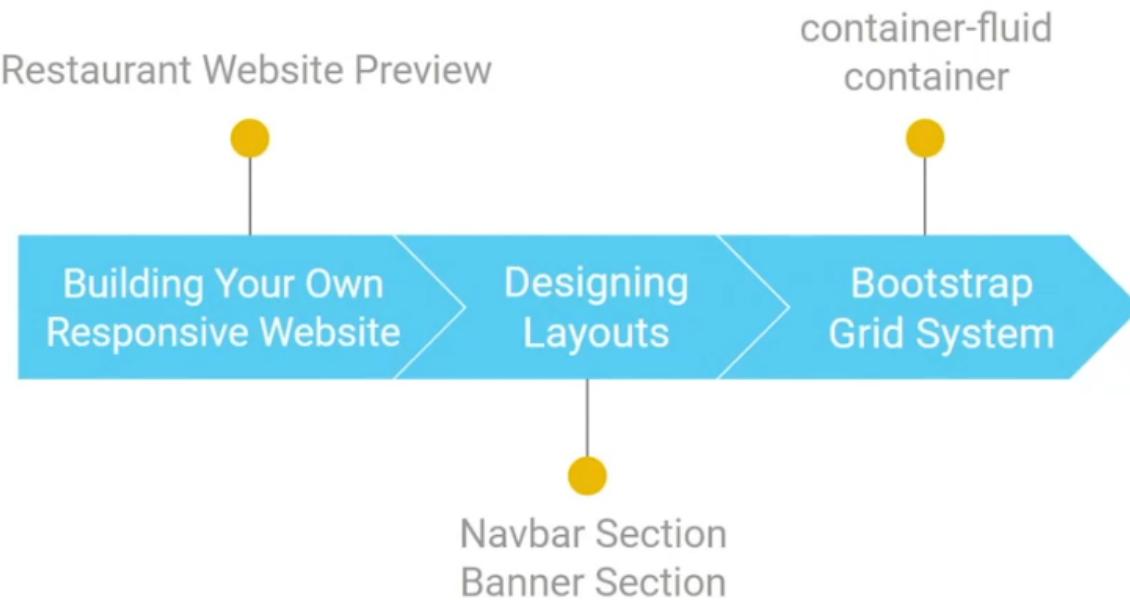


## Responsive Website Designing : based on the screen size it get customized

In [1]:

```
from IPython.display import Image  
Image("E:/code/frontend/img/rwd28.png")
```

Out[1]:



### Banner Section

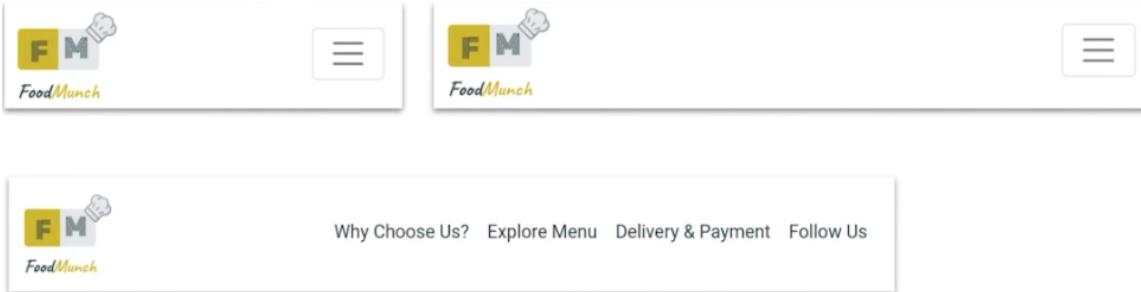
#### 1. Bootstrap Navbar

- A piece of code in the HTML body element in the below Code Playground is the Bootstrap Navbar without a list-based approach Code.
- steps:
  - Remove Disabled Nav Item
  - Copy-Paste Nav Item to add new Nav Items
  - Change the Nav Link Item names
  - Add color to the fonts using 'id selector'
  - add logo
  - move the navbar menu to right using 'ml-auto'
  - how to get horizontal space around the Navbar
    - inside the navitem div tag add new div tag class='container'

In [2]:

```
from IPython.display import Image  
Image("E:/code/frontend/img/rwd29.png")
```

Out[2]:



## 2. Bootstrap Containers

### 2.1 Container

- The Bootstrap class name container provides us default left and right spacings starting from smaller devices for a better user experience.
- It has one fixed width for each breakpoint in Bootstrap (extra small, small, medium, large, and extra large).

### 2.2 Fluid Container

- The Bootstrap class name container-fluid is a full width container, spanning the entire width of the viewport.
- If we don't need left and right spacings, we can use the Bootstrap class name container-fluid instead of container.

In [3]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd36.png")
```

Out[3]:

```
<div class="container">
    <div class="row">
        <div class="col-12">
            <h1>Taj Mahal</h1>
            <p>
                The Taj Mahal is an ivory-white marble mausoleum on the southern bank of the river Yamuna in the Indian city of Agra.
            </p>
        </div>
    </div>
</div>

<div class="container-fluid">
    <div class="row">
        <div class="col-12">
            <h1>Taj Mahal</h1>
            <p>
                The Taj Mahal is an ivory-white marble mausoleum on the southern bank of the river Yamuna in the Indian city of Agra.
            </p>
        </div>
    </div>
</div>
```

In [5]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd37.png")
```

Out[5]:

```
<body>
    <div class="bg-container">
        <nav class="navbar navbar-expand-lg navbar-light bg-dark">
            <div class="container">
                <a class="navbar-brand" href="#">
                    
                </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 navbar-align-right"> -->
                    <div class="nav-item ml-auto">
                        <a class="nav-link active" id="navitem1" href="#">Home <span class="sr-only">(current)</span>
                        <a class="nav-link" id="navitem2" href="#">Why choose Us?</a>
                        <a class="nav-link" id="navitem3" href="#">Explore Our Menu</a>
                        <a class="nav-link" id="navitem4" href="#">Delivery & Payments</a>
                        <a class="nav-link" id="navitem5" href="#">Follow Us</a>
                    </div>
                </div>
            </div>
        </nav>
    </div>
</body>
```

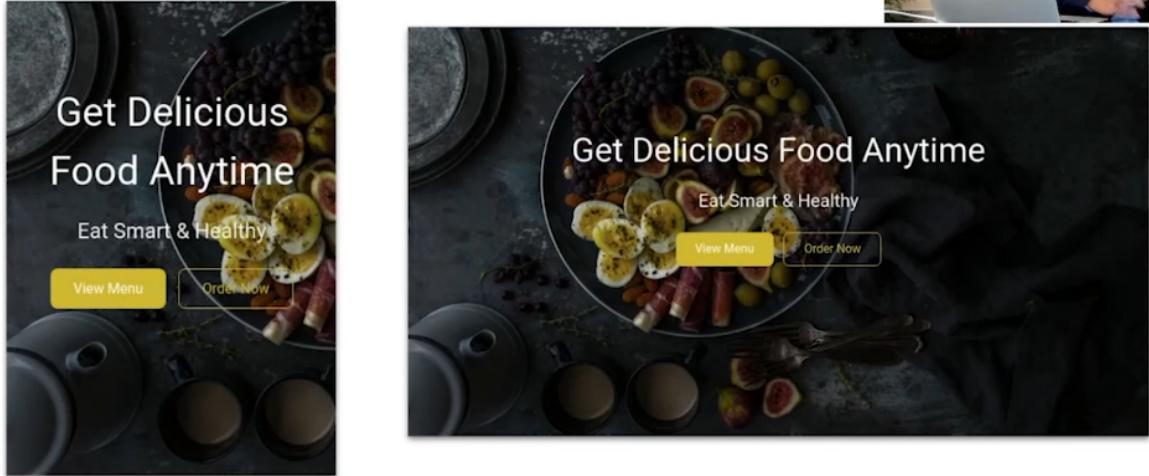
5  
6  
3  
4  
2  
1

```
@import url('https://fonts.')
.bg-container{
    background-image: ■ bla
    background-size: cover;
}
.navbar-image{
    width: 80px;
    height: 70px;
}
.navitem{
    color: □ white;
    font-family: 'Roboto';
}
.navitem1{
    color: □ white;
    font-family: 'Roboto';
}
.navitem2{
    color: □ white;
    font-family: 'Roboto';
}
.navitem3{
    color: □ white;
    font-family: 'Roboto';
}
.navitem4{
    color: □ white;
    font-family: 'Roboto';
}
```

In [6]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd30.png")
```

Out[6]:



In [7]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd38.png")
```

Out[7]:

```
<body>
  <div class="bg-container">
    <nav class="navbar navbar-expand-lg navbar-light bg-dark"> ...
    </nav>
    <div class="banner-section-bg-container d-flex flex-column justify-content-center" >
      <div class="text-center">3
        <h1 class="banner-heading mb-3">Get Delicious Food Anytime.</h1>
        <p class="banner-caption mb-4">Eat Smart & Healthy.</p>
        <button class="custome-button">View Menu</button>
        <button class="custome-outline-button">Order Now</button>
      </div>
    </div>
  </div>
</body>

.banner-section-bg-container{
  background-image: url("D:/Tech/0.UI/code/HtmlCss1/images/foodmunch-banner-bg.png");
  height: 100vh;
  background-size: cover;
}

.banner-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;
}
.custome-button{
  color: white;
  background-color: #d0b200;
  width: 130px;
  height: 45px;
  border-width: 0;
  border-radius: 8px;
  margin-right: 10px;
}
.custome-outline-button{
  color: #d0b200;
  background-color: transparent;
  width: 130px;
  height: 45px;
  border-style: solid;
  border-width: 1px;
  border-color: #d0b200;
  border-radius: 8px;
}
```

## Why Choose us Section

In [8]:

```
from IPython.display import Image  
Image("E:/code/frontend/img/rwd31.png")
```

Out[8]:

**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

**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.



In [12]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd39.png")
```

Out[12]:

```
<div class="wcu-section pt-5 pb-5">
  <div class="container">
    <div class="row">
      <div class="col-12">
        <h1 class="wcu-section-heading">Why Choose Us?</h1>
        <p class="wcu-section-description">We use both original recipes
          and classic versions of famous food items.</p>
      </div>
      <div class="col-12 col-md-4">
        <div class="wcu-card p-3 mb-3">
          
          <h1 class="wcu-card-title mt-3">Food Service</h1>
          <p class="wcu-card-description">Experience fine dining at the comfort of your home.
            All our orders are carefully packed and arranged
            to give you the nothing less than perfect.</p>
        </div>
      </div>
      <div class="col-12 col-md-4">
        <div class="wcu-card p-3 mb-3">
          
          <h1 class="wcu-card-title mt-3">Fresh Food</h1>
          <p class="wcu-card-description">The Fresh Food group provides fresh-cut fruits and vegetables
            directly picked from our partner farms and farm houses so that
            you always get them tree to plate.</p>
        </div>
      </div>
      <div class="col-12 col-md-4">
        <div class="wcu-card p-3 mb-3">
          
          <h1 class="wcu-card-title mt-3">Best Offers</h1>
          <p class="wcu-card-description">Food Coupons & Offers upto
            <span class="offers">50% OFF</span>
            and Exclusive Promo Codes on All Online Food Orders.</p>
        </div>
      </div>
    </div>
  </div>
</div>
```

Activate Windows  
Go to Settings to activate

In [13]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd40.png")
```

Out[13]:

```
.wcu-section {
    background-color: #f9fbfe;
}
.wcu-section-heading {
    color: #183b56;
    font-family: "Roboto";
    font-size: 28px;
    font-weight: 700;
}
.wcu-section-description {
    color: #5a7184;
    font-family: "Roboto";
    font-size: 16px;
}
.wcu-card {
    text-align: center;
    background-color: white;
    border-style: solid;
    border-width: 1px;
    border-color: #e5eaf4;
    border-radius: 16px;
}
.wcu-card-image {
    width: 87px;
    height: 90px;
}
.wcu-card-title {
    color: #323f4b;
    font-family: "Roboto";
    font-size: 22px;
    font-weight: 500;
}
.wcu-card-description {
    color: #7b8794;
    font-family: "Roboto";
    font-size: 16px;
}
.offers {
    color: #323f4b;
    font-style: italic;
    font-weight: 600;
}
```

## 1. Bootstrap Spacing Utilities

### 1.1 Padding

- The asterisk (\*) symbol can be any number in the range of 0 to 5. For example, p-3, pr-1, pb-5, etc.

#### 1.1.1 Padding Values

- The spacer is a variable and has a value of 16 pixels by default.
- For example,
  - $p-1 = 0.25 * 16px = 4px$
  - $pt-4 = 1.5 * 16px = 24px$

## 2.1 HTML Span Element

- The HTML span element is a generic inline container element which is mainly used for styling text in HTML Elements.

In [14]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd41.png")
```

Out[14]:

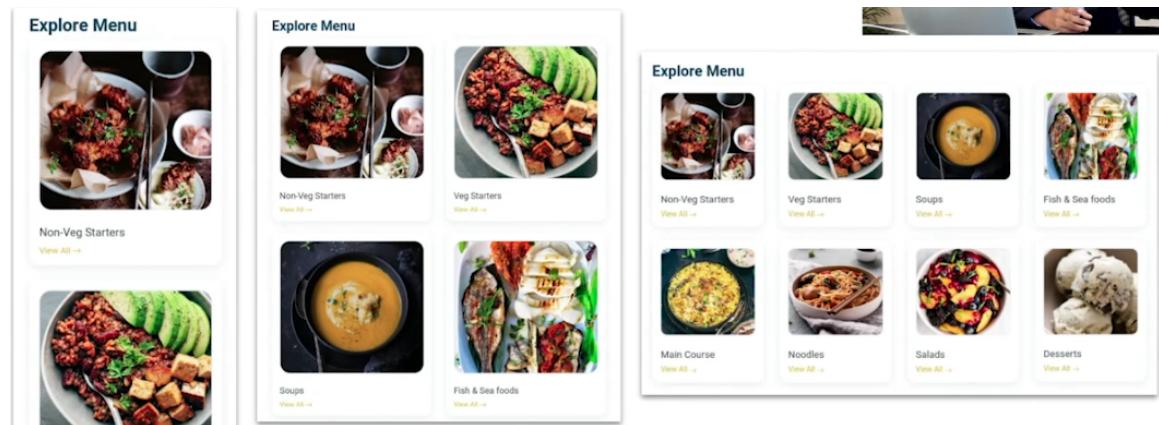
CSS Padding property	Bootstrap class name	Size	Value
padding	p-*	0	0
padding-top	pt-*	1	0.25 * spacer
padding-right	pr-*	2	0.5 * spacer
padding-bottom	pb-*	3	1 * spacer
padding-left	pl-*	4	1.5 * spacer
		5	3 * spacer

## Explore Menu Section

In [15]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd32.png")
```

Out[15]:



In [18]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd42.png")
```

Out[18]:

```
<div class="bg-container">
  <nav class="navbar navbar-expand-lg navbar-light bg-dark">...
  </nav>
  <div class="banner-section-bg-container d-flex flex-column justify-content-center ">...
    </div>
    <div class="wcu-section pt-5 pb-5">...
      </div>
      1 10
      <div class="explore-menu-section pt-5 pb-5">
        <div class="container">
          2
          <div class="row">
            <div class="col-12">
              <h1 class="menu-section-heading">Explore Menu</h1> 3
              </div>
            <div class="col-12 col-md-6 col-lg-3">
              11
              <div class="shadow menu-item-image p-3 mb-3">
                4 
                5
                6 <h1 class="menu-card-title">Non-Veg Starters</h1>
                7 <a href="#" class="menu-item-link">
                  View All
                </a>
                8 <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16" fill="currentColor" class="menu-item-link">
                  <path fill-rule="evenodd" d="M1 8a.5.5 0 0 1 -.5-.5h11.793l-3.147-3.146a.5.5 0 0 1 .71 0z"/>
                </svg>
              </div>
            </div>
          </div>
        </div>
      </div>
```

## 1. CSS Units

### 1.1 Percentage

- To define the size of a Child Element relative to its Parent Element, we can use Percentages.

## 2. Bootstrap Sizing Utilities

### 2.1 Percentage

You can use the below Bootstrap class names to specify the width of an HTML element in percentage.

## 3. Bootstrap Icons

### 3.1 How to add the Bootstrap Icons

- <https://icons.getbootstrap.com/> (<https://icons.getbootstrap.com/>) --> select the icons --> copy the code

## 4. Bootstrap Utilities

### 4.1 Shadow

- To apply shadows to HTML elements, you can use the below Bootstrap class names.

In [19]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd43.png")
```

Out[19]:

```
<body>
  <div class="my-container">
    <p class="box width-in-px">Box 1</p>
    <p class="box width-in-percent">Box 2</p>
  </div>
</body>
```



CSS property and value	Bootstrap class name
width: 25%	w-25
width: 50%	w-50
width: 75%	w-75
width: 100%	w-100

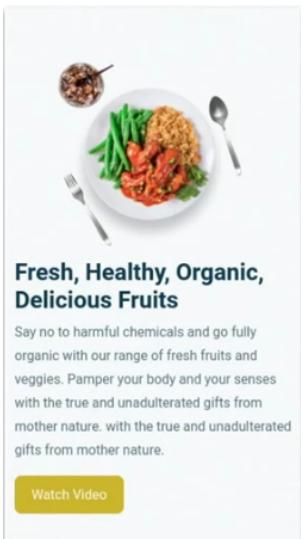
Bootstrap class name
shadow-none
shadow-sm
shadow
shadow-lg

## Thanking Customer Section

In [4]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd44.png")
```

Out[4]:



In [5]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd45.png")
```

Out[5]:

```
<div class="healthy-food-section pt-5 pb-5">
  <div class="container">
    <div class="row">
      <div class="col-12 col-md-5">
        
      </div>
      <div class="col-12 col-md-7">
        <h1 class="healthy-food-section-heading">
          Fresh, Healthy, Organic, Delicious Fruits
        </h1>
        <p class="healthy-food-section-description">
          Say no to harmful chemicals and go fully organic with our range of
          fresh fruits and veggies. Pamper your body and your senses with
          the true and unadulterated gifts from mother nature. with the true
          and unadulterated gifts from mother nature.
        </p>
        <button class="custom-button">Watch Video</button>
      </div>
    </div>
  </div>
</div>
```

```
.healthy-food-section {
  background-color: #f0fbfe;
}
.food-section-img {
  width: 270px;
}
.healthy-food-section-heading {
  color: #183b56;
  font-family: "Roboto";
  font-size: 28px;
  font-weight: 700;
}
.healthy-food-section-description {
  color: #5a7184;
  font-family: "Roboto";
  font-size: 16px;
}
.custom-button {
  color: white;
  background-color: #d0b200;
  width: 130px;
  height: 45px;
  border-width: 0;
  border-radius: 8px;
  margin-right: 10px;
}
```

## 1. Bootstrap Flex Utilities

### 1.1 Order

- The Bootstrap Order class names are used to change the visual order of the flex items that appear inside the Flex Container.
  - For example, order-1, order-2, order-3, etc.
- We can use any number in the range of 0 to 12 for a bootstrap order class name.
- These class names are responsive. So, you can set the order by breakpoint.
  - For example, order-1, order-md-2, order-lg-3, etc.
- Try out setting the breakpoints to the bootstrap order class names and check the output in the below Code Playground.

In [9]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd47.png")
```

Out[9]:

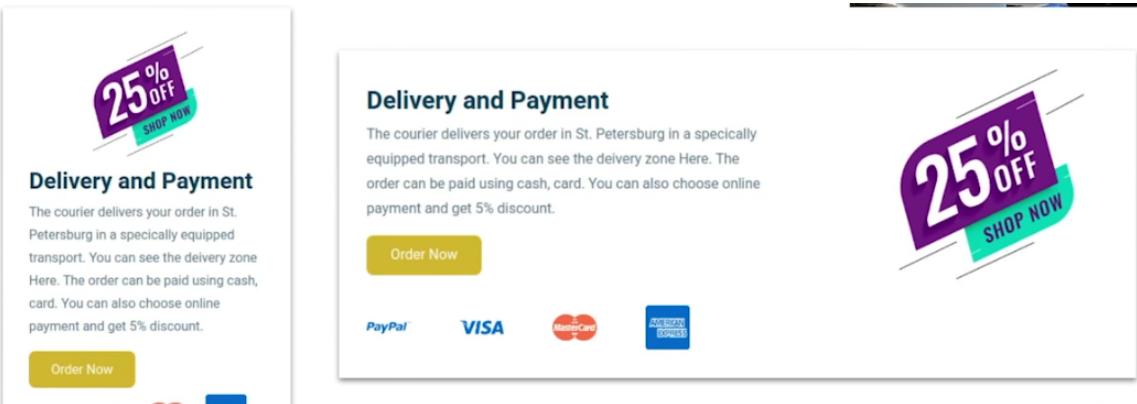


```
<div><div>
...
...
...
</div>
```

In [20]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd33.png")
```

Out[20]:



In [8]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd46.png")
```

Out[8]:

```
<div class="delivery-payments-section">
  <div class="container">
    <div class="row">
      <div class="col-12 col-md-5 order-1 order-md-2">
        <div class="text-center">
          
        </div>
      </div>
      <div class="col-12 col-md-7 order-2 order-md-1">
        <h1 class="payment-section-heading">Delivery and Payment</h1>
        <p class="payment-section-description">
          Enjoy hassle-free payment with the plenitude of payment options available for you. Get live tracking and locate your food on a live map. It's quite a sight to see your food arrive to your door. Plus, you get a 5% discount on every order every time you pay online.
        </p>
        <button class="custom-button">Order Now</button>
        <div class="mt-3">
          
          
          
          
        </div>
      </div>
    </div>
  </div>
</div>
```

Activate Windows

```
.delivery-and-payment-section {
  background-color: #fff;
}
.payment-section-img {
  width: 270px;
}
.payment-section-heading {
  color: #183b56;
  font-family: "Roboto";
  font-size: 28px;
  font-weight: 700;
}
.payment-section-description {
  color: #5a7184;
  font-family: "Roboto";
  font-size: 16px;
}
.payment-card-img {
  width: 50px;
  height: 50px;
  margin-right: 28px;
}
.custom-button {
  color: #fff;
  background-color: #d0b200;
  width: 130px;
  height: 45px;
  border-width: 0;
  border-radius: 8px;
  margin-right: 10px;
}
```

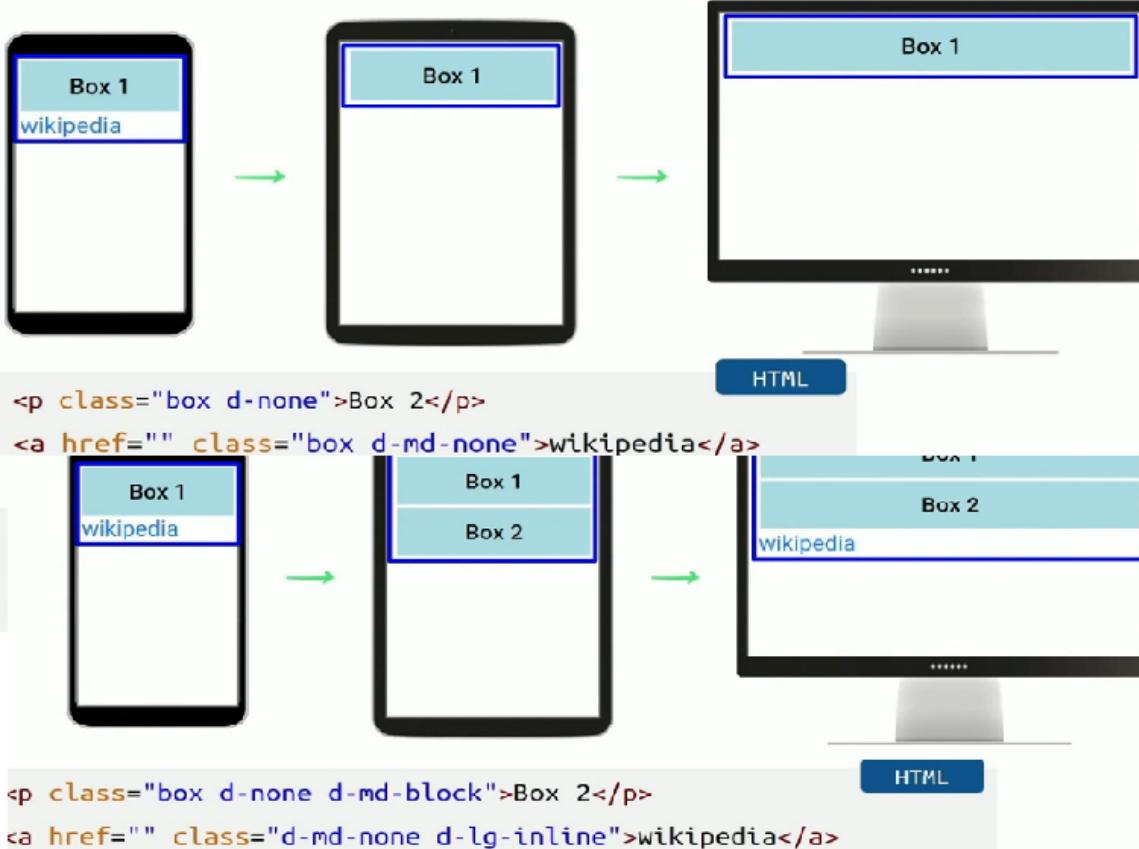
## 2. Bootstrap Display Utilities

- We can hide and show HTML elements responsively for each screen size with the Display utilities.
- We can hide HTML Elements using `d--none` class names, where represents breakpoints (sm, md, lg, xl)
  - For example, d-none, d-sm-none, d-md-none, etc.
- Based on the type of HTML element, we can use `d--inline` and `d--block` class names to show HTML element.
  - For example, d-block, d-md-inline, d-lg-block, etc.

In [12]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd49.png")
```

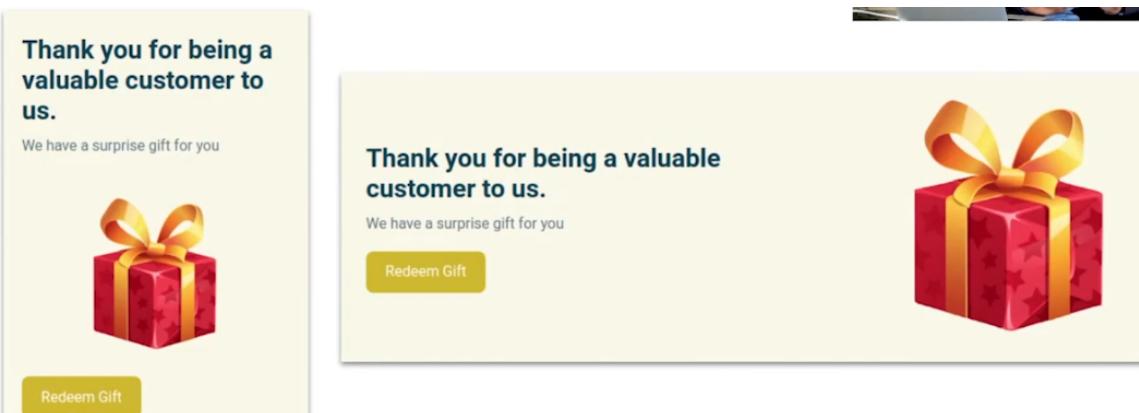
Out[12]:



In [1]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd34.png")
```

Out[1]:



In [13]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd48.png")
```

Out[13]:

```
<div class="thanking-customers-section">
  <div class="container">
    <div class="row">
      <div class="col-12 col-md-7 d-flex flex-column justify-content-center">
        <h1 class="thanking-customers-section-heading">
          Thank you for being a valuable customer to us.
        </h1>
        <p class="thanking-customers-section-description">
          We have a surprise gift for you
        </p>
        <div class="d-md-none">
          
        </div>
        <div>
          <button class="custom-button">Redeem Gift</button>
        </div>
      </div>
      <div class="col-12 col-md-5 d-none d-md-block">
        
      </div>
    </div>
  </div>
</div>
```

Activate !

## Follow us Section

### 1. Adding Icons

- There are a limited number of icon choices in Bootstrap icons. Since we don't have the desired icons in Bootstrap Icons, we use Font Awesome Icons.

#### 1.1 Font Awesome Icons

- To use the Font Awesome Icons, you need to add the below Font Awesome Icons Kit Code in the HTML head element.

#### Note:

- The CSS Property border-radius allows you to add circular corners to an HTML element. We need to provide the same height and width to get circular corners else we will get elliptical corners.

<https://fontawesome.com/> (<https://fontawesome.com/>) --> click on "start for free" --> enter email id --> send kit code

In [2]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd35.png")
```

Out[2]:



In [1]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd50.png")
```

Out[1]:

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" type="text/css" href="pg1_style.css"/>
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" integrity="sha384-Bmbw7HlF1fS7zDWA+g6dgbjt7vZLWqkZGJXQKUyOOGjPnC9YB" crossorigin="anonymous">
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-Dfxdz2htI" crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-9eNzUCnTfSiJ" crossorigin="anonymous"></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js" integrity="sha384-DFxd2htI" crossorigin="anonymous"></script>
    <script src="https://kit.fontawesome.com/20c5629a29.js" crossorigin="anonymous"></script>
  </head>
  <body>
    <div class="bg-container">
      <div class="follow-us-section pt-5 pb-5">
        <div class="container">
          <div class="row">
            <div class="col-12">
              <h1 class="follow-us-section-heading">Follow Us</h1>
            </div>
            <div class="col-12">
              <div class="d-flex flex-row justify-content-center">
                <div class="follow-us-icon-container">
                  <i class="fab fa-twitter icon"></i>
                </div>
                <div class="follow-us-icon-container">
                  <i class="fab fa-instagram icon"></i>
                </div>
                <div class="follow-us-icon-container">
                  <i class="fab fa-facebook icon"></i>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </body>
</html>
```

```
.follow-us-section {
  background-color: #fff;
}
.follow-us-section-heading {
  text-align: center;
  color: #183b56;
  font-family: "Roboto";
  font-size: 28px;
  font-weight: 700;
}
.follow-us-icon-container {
  background-color: #faf7e8;
  width: 80px;
  height: 80px;
  border-radius: 40px;
  margin: 15px;
  padding-top: 22px;
  padding-bottom: 14px;
  padding-right: 16px;
  padding-left: 22px;
}
.icon {
  color: #d0b200;
  font-size: 35px;
}
```

### **3. Adding Links to the Sections**

- Adding id to the section to which we want to navigate.
  - Providing id as href Attribute value to the Nav Item.

## 4. Bootstrap Position Utilities

## 4.1 Fixed Top

- The bootstrap class name `fixed-top` positions an HTML element at the top of the viewport irrespective of the scrolling.

## 4.2 Fixed Bottom

- The bootstrap class name fixed-bottom positions an HTML element at the bottom of the viewport irrespective of the scrolling.

In [2]:

```
from IPython.display import Image  
Image("E:/code/frontend/img/rwd51.png")
```

Out[2]:

```
<div>
    <div class="nav-item">
        <a href="#">Home</a>
        <a href="#" id="wcusection">Why Choose Us?</a>
        <a href="#" id="navitem2">Explore Our Menu</a>
        <a href="#" id="navitem3">Delivery & Payments</a>
        <a href="#" id="navitem4">Follow Us</a>
    </div>
</div>
</div>
</div>
</div>
</div>
<div class="banner-section-bg-container d-flex flex-column justify-content-center" > ...
</div>
<div class="wcu-section pt-5 pb-5" id="wcusection">
    <div class="container">
        <div class="row">
            <div class="col-12">
                <h1 class="wcu-section-heading">Why Choose Us?</h1>
                <p class="wcu-section-description">We use both original recipes  
and classic versions of famous food items.</p>
            </div>
        </div>
    </div>
</div>
```

In [3]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd52.png")
```

Out[3]:

```
<div>
  <nav>
    <div>
      <a href="#">
        
      </a>
      <button 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 navbar-align-right">-->
        <div class="navbar-nav ml-auto">
          <a class="nav-link active" id="navitem" href="#">Home <span class="sr-only">(current)</span>
          <a class="nav-link" id="navitem1" href="#wcusection">Why choose Us?</a>
          <a class="nav-link" id="navitem2" href="#exploremenu">Explore Our Menu</a>
          <a class="nav-link" id="navitem3" href="#delpay">Delivery & Payments</a>
          <a class="nav-link" id="navitem4" href="#followus">Follow Us</a>
        </div>
      </div>
    </div>
  </nav>
  <div>
    <div>
      <div>
        <div>
          <div>
            <div>
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                <div>
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                                                                                        <div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

```

## Footer section

In [7]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd54.png")
```

Out[7]:



In [6]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd53.png")
```

Out[6]:

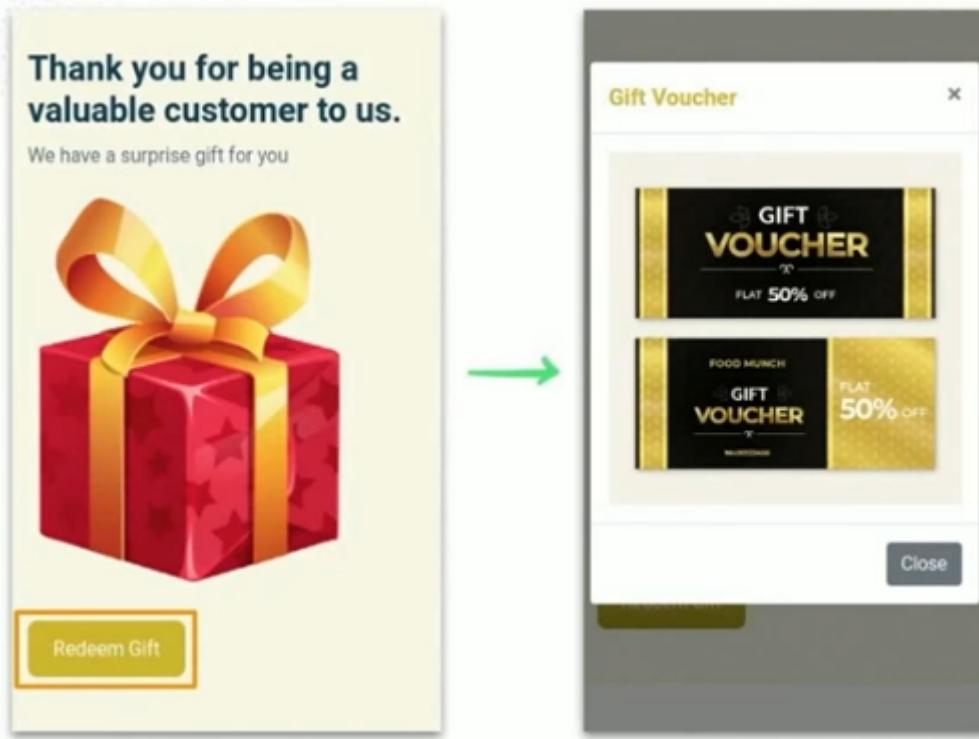
```
<div class="footer-section pt-5 pb-5">
  <div class="container">
    <div class="row">
      <div class="col-12 text-center">
        
        <h1>orderfood@foodmunch.com</h1>
        <p class="footer-section-address">
          123 Ayur Vigyan Nagar, New Delhi, India.
        </p>
      </div>
    </div>
  </div>
</div>
```

.icon {  
 ...color: #d0b200;  
 ...font-size: 35px;  
 }  
 .footer-section {  
 background-color: #0d2436;  
 }  
 .footer-section-mail-id {  
 color: #959ead;  
 font-family: "Roboto";  
 font-weight: bold;  
 font-size: 16px;  
 margin-top: 20px;  
 }  
 .footer-section-address {  
 color: #959ead;  
 font-family: "Roboto";  
 font-size: 14px;  
 }

In [8]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd55.png")
```

Out[8]:



getbootstrap.com --&gt; components --&gt; modals

## 1. Bootstrap Components

### 1.1 Modal

- Try out changing the content and the styles of the Modal Header, Modal Body and Modal Footer in the Bootstrap Modal Code in the below Code Playground.

In [9]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd56.png")
```

Out[9]:

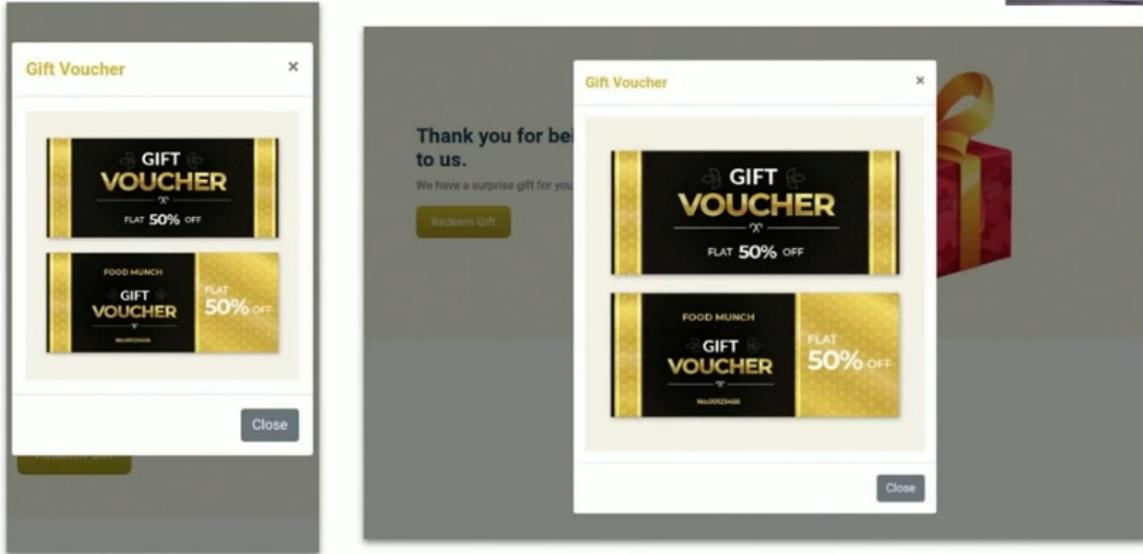
```
<body>
  <button type="button" class="btn btn-primary" data-toggle="modal" data-target="#exampleModal">
    Launch demo modal
  </button>
  <div class="modal fade" id="exampleModal" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">
    <div class="modal-dialog">
      <div class="modal-content">
        <div class="modal-header">
          <h5 class="modal-title" id="exampleModalLabel">Modal title</h5>
          <button type="button" class="close" data-dismiss="modal" aria-label="Close">
            <span aria-hidden="true">&times;</span>
          </button>
        </div>
        <div class="modal-body">
          ...
        </div>
        <div class="modal-footer">
          <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
          <button type="button" class="btn btn-primary">Save changes</button>
        </div>
      </div>
    </div>
  </div>
</body>
```

## 2. Thanking Customers Section with the Bootstrap Modal

In [10]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd57.png")
```

Out[10]:



In [11]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd58.png")
```

Out[11]:

```
<div>
    <!-- <button class="custom-button">Redeem Gift</button> -->
    <button type="button" class="custom-button" data-toggle="modal" data-target="#exampleModal">
        Redeem Gift
    </button>
    <div class="modal fade" id="exampleModal" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">
        <div class="modal-dialog mt-5">
            <div class="modal-content">
                <div class="modal-header">
                    <h5 class="modal-title" id="exampleModalLabel">Gift Voucher</h5>
                    <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                        <span aria-hidden="true">&times;</span>
                    </button>
                </div>
                <div class="modal-body">
                    
                </div>
                <div class="modal-footer">
                    <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
                </div>
            </div>
        </div>
    </div>
</div>
```

### 3. Gradients

- A special type of Background Image formed by the transition between two or more colors.
- There are mainly two types of gradients:
  - Linear Gradient
  - Radial Gradient

#### 3.1 Linear Gradient

- To create the most basic type of gradient, all you need is to specify two colors. You must have at least two colors, but you can have as many as you want.

In [12]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd59.png")
```

Out[12]:

```
<div class="linear-gradient-background"></div>

.linear-gradient-background {
    height: 100vh;
    background-image: linear-gradient(#2196f3, #f44336);
}
```

##### 3.1.1 Changing Direction

- By default, linear gradients run from top to bottom. You can change their transition by specifying a direction.

##### 3.1.2 Using more than two colors

- You don't have to limit yourself to two colors. You may use as many as you like! By default, colors are evenly spaced along the gradient.

In [14]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd60.png")
```

Out[14]:

Direction	Description
to top	Colors transition (change) from bottom to top
to bottom	It is a default direction. Colors transition (change) from top to bottom
to left	Colors transition (change) from right to left
to right	Colors transition (change) from left to right

```
.linear-gradient-background {
background-image: linear-gradient(to right, #2196f3, #f44336);
}

.linear-gradient-background-with-more-colors {
height: 100vh;
background-image: linear-gradient(red, blue, yellow, orange);
}
```

## 3.2 Radial Gradient

### 3.2.1 Using more than two colors

- You don't have to limit yourself to two colors. You may use as many as you like! By default, colors are evenly spaced along the gradient.

In [15]:

```
from IPython.display import Image
Image("E:/code/frontend/img/rwd61.png")
```

Out[15]:

```
<div class="radial-gradient-background"></div>

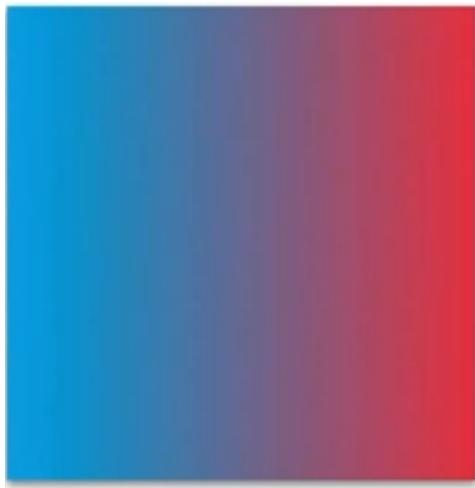
.radial-gradient-background {
height: 100vh;
background-image: radial-gradient(#2196f3, #f44336);
}

.radial-gradient-background-with-more-colors {
height: 100vh;
background-image: radial-gradient(red, blue, yellow, orange);
}
```

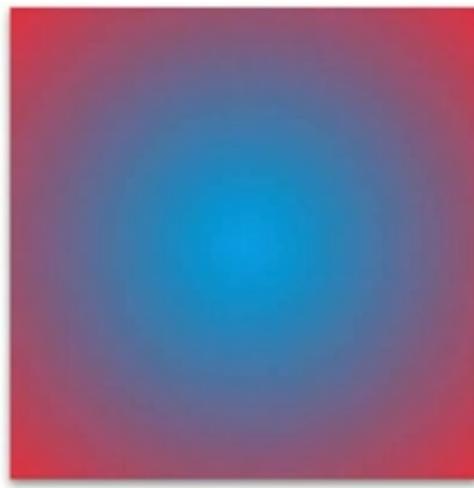
In [16]:

```
from IPython.display import Image  
Image("E:/code/frontend/img/rwd62.png")
```

Out[16]:



Linear Gradients



Radial Gradients