

- **Introduction:**

- ***Overview of HTML / CSS / JS / Bootstrap :***

HTML: Hypertext Markup Language (HTML) is the language used to create web pages. The origins of HTML started in 1989 when Tim Berners-Lee proposed a hypertext document system. From this, Dan Connolly developed the Hypertext Markup Language, or HTML.

"Hypertext" refers to links that connect web pages to one another, either within a single website or between websites. Links are a fundamental aspect of the Web. By uploading content to the Internet and linking it to pages created by other people, you become an active participant in the World Wide Web.

HTML uses "markup" to annotate text, images, and other content for display in a Web browser. HTML markup includes special "elements" such as <head>, <title>, <body>, <header>, <footer>, <article>, <section>, <p>, <div>, , , <aside>, <audio>, <canvas>, <datalist>, <details>, <embed>, <nav>, <output>, <progress>, <video>, , , and many others.


An HTML element is set off from other text in a document by "tags", which consist of the element name surrounded by "<" and ">". The name of an element inside a tag is case insensitive. That is, it can be written in uppercase, lowercase, or a mixture. For example, the <title> tag can be written as <Title>, <TITLE>, or in any other way. However, the convention and recommended practice is to write tags in lowercase.

CSS : Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS describes how elements should be rendered on screen, on paper, in speech, or on other media. There are three types of CSS :

1. Inline CSS 2. Internal CSS 3.External CSS .


CSS (Cascading Style Sheets) is used to style and layout web pages — for example, to alter the font, color, size, and spacing of your content, split it into multiple columns, or add animations and other decorative features. This module provides a gentle beginning to your path towards CSS mastery with the basics of how it works, what the syntax looks like, and how you can start using it to add styling to HTML .

- HTML provides the raw tools needed to structure content on a website. CSS, on the other hand, helps to style this content so it appears to the user the way it was intended to be seen. These languages are kept separate to ensure websites are built correctly before they are reformatted.

 **JavaScript** : JavaScript is a more complicated language than HTML or CSS, and it wasn't released in beta form until 1995. Nowadays, JavaScript is supported by all modern web browsers and is used on almost every site on the web for more powerful and complex functionality.

JavaScript is a logic-based programming language that can be used to modify website content and make it behave in different ways in response to a user's actions. Common uses for JavaScript include confirmation boxes, calls-to-action, and adding new identities to existing information.

There are various example where Javascript can be used . Such as Creating Confirmation Boxes , Triggering Slide-In CTAs , Storing New Information , Security, Games, and Special Effects .

 **BootStrap** : Bootstrap is a free, open source HTML, CSS, and JavaScript framework for quickly building responsive websites.

Initially, Bootstrap was called Twitter Blueprint and was developed by a team working at Twitter.

It supports responsive design and features predefined design templates that you can use out of the box, or customize for your needs with your code. You do not need to worry about compatibility with other browsers either, as Bootstrap is compatible with all modern browsers and newer versions of Internet Explorer.

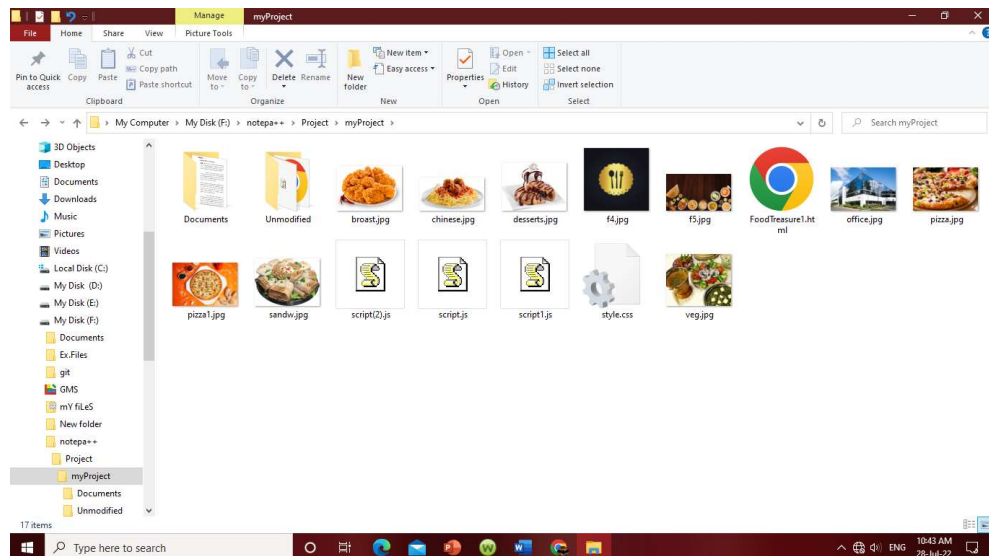
 **We are Creating a Project Using these Technologies :**

- So , we are creating a project on the topic of “Food delivery / Food ordering ” Website i.e related to the e-commerce website .
- Using these technologies such as HTML , CSS we have to create a Structure of our topic , means it can contains the section like main page /home page , about the food company , what services they offer like this section or structure we have to create using HTML .
- Also using CSS we can create our structure of the webpage very attractive . using CSS we can style Background , change fonts , font-family etc.. stylings we can use in our webpage to look very attractive .
- For making it responsive to other devices we are using the framework i.e BootStrap . Also In Last for validation of User Input Data and for JavaScript is used in this project .

Procedure / Explanation :

We will now start working on creating the “Food Delivery /Food Ordering ”website i.e in my case website name is “Food-Treasure”.

- First, let's create the folder structure.
- The folder structure consists of “Food-Treasure”, “style.css”, and script.js files and an images in the same folder . We'll write all CSS in the style.css file and the JavaScript in the script.js file .
- Here I have Created three script files i.e script.js ,script1.js and other is script(2).js .
- In which these script files , one is for form validation , one is navigation background color , and other one is for sweet alert message.
- In the Food-Treasure.html file , In HTML code first we have to add with the Bootstrap CDN, font awesome kit, and a link to the external style sheet and JavaScript.
- Here, the script.js file is loaded after loading all the HTML code.



- Now you can see here we have setup our Project folder in my local directory .
- Now we can go with our project making step by step .

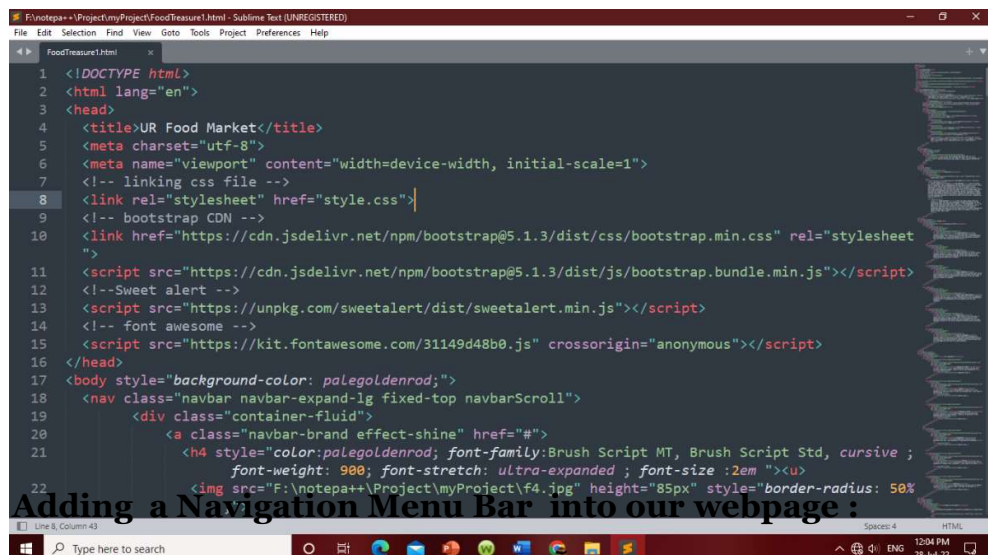
- Now , lets go with html code . In the file “FoodTreasure1.html” open it in any editor like notepad , visual studio code etc . we have written our html simple code . as you can see .

```

<!DOCTYPE html>
<html lang="en">
<head>
  <title>UR Food Market</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <!-- linking css file -->
  <link rel="stylesheet" href="style.css">
  <!-- bootstrap CDN -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
  <!--Sweet alert -->
  <script
src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>
  <!-- font awesome -->
  <script src="https://kit.fontawesome.com/31149d48b0.js"
crossorigin="anonymous"></script>
</head>
<body style="background-color: palegoldenrod;">

```

- Now you can see here in the code I have added in the head section all the files , CDN , i.e external CSS file using the link tag , and BootStrap CDN , also scripting for sweet alert and font awesome kit .



- We will use Bootstrap's fixed-top class in nav element to keep the navbar at the top of the page. The navbar also has a navbar-brand class where we keep the name of Our Food Ordering Website as for making it brand as “ Food- Treasure” .
- Here in the Navigation Bar I have added sections like Home , Our Categories , Order Here , Services we Offer etc.
- Also in the left side we have used the navbar-brand class for naming our website as “Food-Treasure”.

```

<nav class="navbar navbar-expand-lg fixed-top navbarScroll">
  <div class="container-fluid">
    <a class="navbar-brand effect-shine" href="#">
      <h4 style="color:palegoldenrod;font-family:Brush Script
MT, Brush Script Std, cursive ; font-weight: 900;font-stretch:
ultra-expanded ; font-size :2em "><u>
        
        <span>Food-Treasure</span></u></h4></a>
      <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarSupportedContent"
aria-controls="navbarSupportedContent" aria-expanded="false"
aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
    <div class="styling">
      <div class="collapse navbar-collapse"
id="navbarSupportedContent">
        <ul class="navbar-nav ms-auto">
          <li class="nav-item active">
            <a class="nav-link " href="#home"
style="color:palegoldenrod;"><b class="hover-underline-
animation">Home</b></a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="#about"
style="color:palegoldenrod;"><b class="hover-underline-
animation">About Us</b></a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="#services"
style="color:palegoldenrod;"><b class="hover-underline-
animation">Services</b></a>
          </li>
          <li class="nav-item">

```

```
        <a class="nav-link" href="#OurCategories"
style="color:palegoldenrod;"><b class="hover-underline-
animation">Our Categories</b></a>
    </li>
    <li class="nav-item"> <a class="nav-link effect-shine"
href="#contact" style="color:black; border-radius: 2px; border: 1px
solid gold; padding: 2px; width: 150px; text-align: center;
background-color: gold; ">Order Here!</a>
    </li> </ul>
</div>
</div>
</div>
</nav>
```

- So , this is the code of adding navding navigation bar into our webpgage here in the body tag I have added a background- color as palegolden-rod .
- And in the nav tag , I have used img tag for making a logo of my food website i.e inserting an image infront of text and in that I have used style attribute as border-radius : 50% .
- And then I have used the span tag in that I have written “FOOD-TREASURE” as it is our brand name of our website .
- In our case : The navbar has the following links such as , home, about us , services, Our Categories, and order here .
- **Adding the CSS for the navigation menu like hover effect , underline animation effect , shine-effect and some other styling as you can see below code :**

```
.styling
{
font-size:1.4em ;
font-weight: 900;
font-family: New Century Schoolbook, serif;
}

/*effect-underline*/
.hover-underline-animation {
display: inline-block;
position: relative;
color: palegoldenrod;
```

```
}  
.hover-underline-animation:after {  
  content: "";  
  position: absolute;  
  width: 100%;  
  transform: scaleX(0);  
  height: 2px;  
  bottom: 0;  
  left: 0;  
  background-color: gold;  
  transform-origin: bottom right;  
  transition: transform 0.25s ease-out;  
}  
.hover-underline-animation:hover:after {  
  transform: scaleX(1);  
  transform-origin: bottom left;  
}  
  
/* effect-shine */  
a.effect-shine:hover {  
  -webkit-mask-image: linear-gradient(-75deg, rgba(255, 0, 0, 0.4) 30%, #000 50%, rgba(255, 0, 0, 0.4) 70%);  
  -webkit-mask-size: 200%;  
  animation: shine 2s infinite;  
}  
  
@-webkit-keyframes shine {  
  from {  
    -webkit-mask-position: 150%; }  
  to {  
    -webkit-mask-position: -50%;  
  }  
}
```

- **Adding a header and background image into into our home page :**
- Now, we will be adding a background image which is related to our topic i.e related to food and adding with some text in the center.
- Section tag is used here for defining a semantic element for creating standalone sections in a web page.
- Below is the html code for adding header and for background image we have used a CSS external file named as “style.css”. where for background image I have made a bgimage class for it .

- As you can in the below code both html and css.

```
<!-- main-->
<section class="bgimage" id="home">
  <div class="container-fluid">
    <div class="row">
      <div class="col-lg-12 col-md-12 col-sm-12 col-xs-12 hero-text">
        <div id="rcorners"><h2 class="hero_title">Hey,are you
hungry ???</h2></div>
        <p class="hero_desc">Order Healthy And Fresh Food Any
Time<br>at your place.....</p>
        <p class="font1">" Food for the body is not
enough.<br>There must be food for the soul "</p>
      </div>
    </div>
  </div>
</section>
```

- Adding the CSS for the above code in the style.css file :

```
/* background image */
.bgimage {
  height:768px;
  background: url('f5.jpg');
  background-repeat: repeat;
  background-size: cover;
  background-position: center;
}
/* text css above hero image*/
.hero_title {
  font-size: 2.7em;
  font-weight:900;
  font-family:Brush Script MT, Brush Script Std ,cursive;
}
.hero_desc {
  font-size: 2.7em;
  font-weight:900;
  color: palegoldenrod;
  font-family: New Century Schoolbook, serif;
}
.hero-text {
  text-align: center;
```

```

position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
color: white;
}

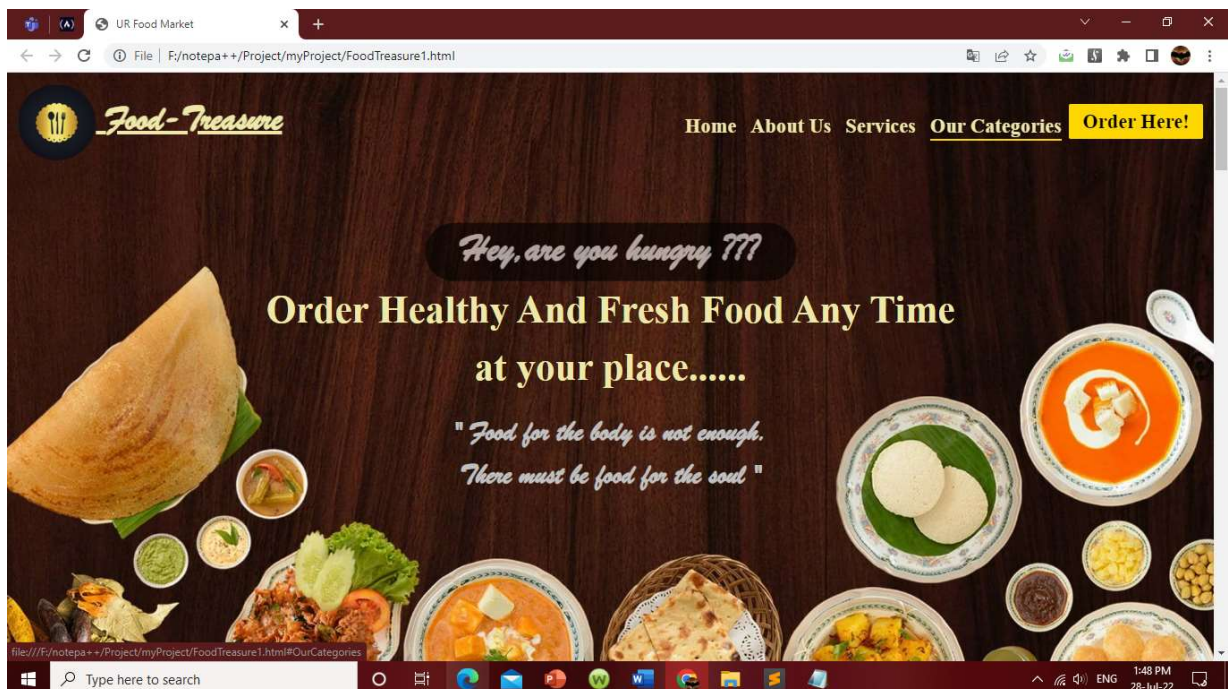
```

- Here you can see that the section has an class named bgimage which is responsible for displaying the background image with full width.
- It also displays some text in the center above the background image with the help of the above CSS.

❖ *So , Now upto this code , we have created our home page , you can see below how the site looks with background image , navigation menu , and its styling :*

❖ *This is our home page section .*

❖ *In this we can see the navigation , background image , text , underline hover effect all the things is done perfectly .*



➤ **Making the “About Us” Section :**

- The About Us page contains important information about our brand as the name suggest “Food-Treasure” it contains all the information how and when we have started this business all that related information .
- And our background color will be default we have added in our body tag .
- We will be adding an image of our Food brand to the left side of the row , and on the right side we will add our quick business introduction in this section.
- Lets see this code of this section :

```
<!-- about section-->
<section id="about">
  <div class="container-fluid mt-4 pt-4">
    <h1 class="text-center"><strong>'About Us'</strong></h1>
    <div class="row mt-4">
      <div class="col-lg-3">
        
      </div>
      <div class="col-lg-8" style="font-size:20px; font-family: New
Century Schoolbook, serif ; text-align:justify;">
        <p> There’s nothing cut out about<b><i>"FOOD-
TREASURE"</i></b>.Not our pizzas. Not our sandwiches. Also,
unquestionably not the manner in which we live. Around here, we
don’t make do with anything short of food we’re glad to serve.
Furthermore, we don’t simply check-in.Not when we can likewise
turn into our best, make companions, and have some good times
while we’re grinding away. We’re the fast-food organization that lives
unpacked.<p>We have in excess of 16,000 eateries and 350,000
colleagues in excess of 100 nations. Regardless of whether it’s the
first Stuffed Crust or just baking a cookie with your coffee in space,
we drive constantly ourselves to convey hot food, fast every time –
anyplace you need to appreciate it.
        </p></p>
      <div class="row mt-3">
        <p>At<b><i>"FOOD-TREASURE"</i></b>, we are not
simply baking pizza but involved in other fast food like sandwiches,
burgers and cookies. We make individuals happy and satisfy their
hunger.<b><i>"FOOD-TREASURE"</i></b> was based on the
conviction that pizza night ought to be exceptional, and we convey
that conviction into all that we do.<p>With over 55 years of
```

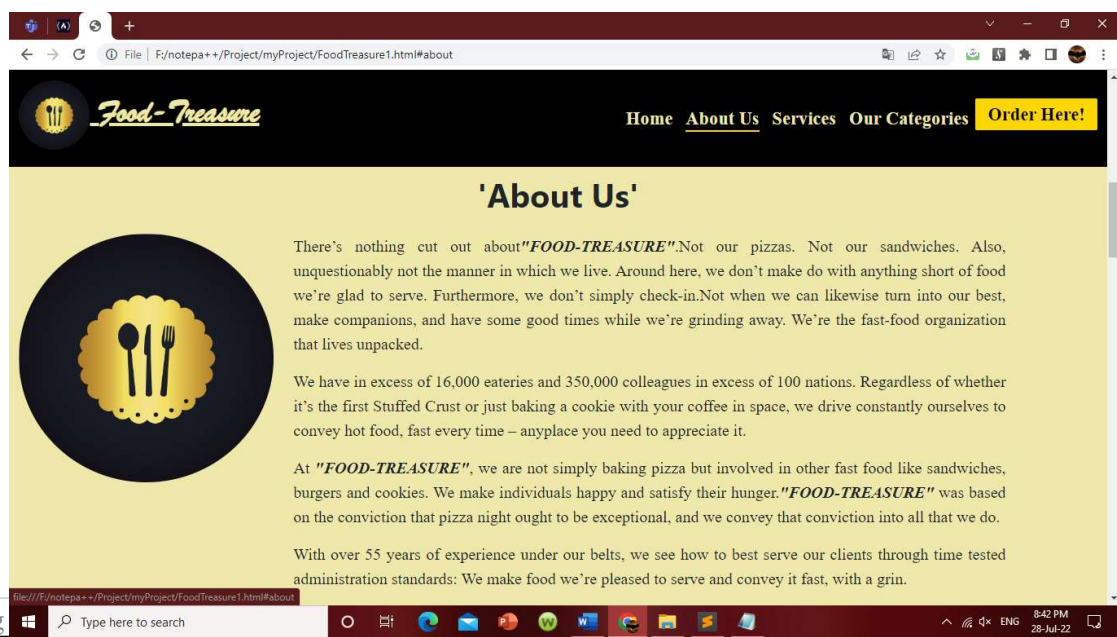
experience under our belts, we see how to best serve our clients through time tested administration standards: We make food we're pleased to serve and convey it fast, with a grin.

```
</p></p>
</div>
</div>
</div>
</section>
```

- Here in this code , we have added classes named mt-4 and pt-4 with container class which will set the margin top and padding top to 1.5 rem.
- The row has two columns. One has the col-lg-4 class for displaying the image which will occupy the left column with a 4-part grid for large screens.
- The next column is assigned a class of col-lg-8 which will occupy the right column with an 8-part grid for larger screens.
- **Adding CSS for an image on the “About Us” Section :**

```
/* about section image css */
.imageAboutPage {
width: 100%;
```

- This will create an “About Us”section as below :



- Making the Services Section :
- This is where we can explain what specific services we offer here according to food ordering .
- Now Adding the code for this section :

```

<!-- services section-->
<section id="services" style="height: 55em">
  <div class="container">
    <h1 class="text-center"><strong>'Services We
Offer'</strong></h1>
    <div class="row">
      <div class="col-lg-4 mt-4">
        <div class="card servicesText">
          <div class="card-body">
            <i class="fas servicesIcon fa-clock"></i>
            <h4 class="card-title mt-3"><b><i>On Time
Delivery</i></b></h4>
            <p class="card-text mt-3"><i style="font-
weight:500;">We promise 'Delivery Before Time' because we are
the team that is being punctual and professional , & we are
introducing on time guaranteed deliveries from more than 1200
restaurants across cities.</i>
            </p>
          </div>
        </div>
      </div>
      <div class="col-lg-4 mt-4">
        <div class="card servicesText">
          <div class="card-body">
            <i class='fas servicesIcon fa-shopping-cart'></i>
            <h4 class="card-title mt-3"><b><i>Online
Ordering</i></b></h4>
            <p class="card-text mt-3"><i style="font-
weight:500">We provide online ordering through our website ,they
can choose which service to use according to your needs and
preference.we also have restaurant's own Online Ordering mobile
app or website .
            </p></i>
          </div>
        </div>
      </div>
    </div>
  </div>

```

```

<div class="col-lg-4 mt-4">
  <div class="card servicesText">
    <div class="card-body">
      <i class='fas servicesIcon fa-phone'></i>
      <h4 class="card-title mt-3"><b><i>Cloud
Telephony</i></b></h4>
      <p class="card-text mt-3"><i style="font-
weight:500">Customer can use our cloud telephony service. When
a customer calls to place an order and the line is busy,the call is
automatically transferred to the next number until the request is
received.
      </p></i>
    </div>
  </div>
</div>
</div>
</div>
<div class="row">
  <div class="col-lg-4 mt-4">
    <div class="card servicesText">
      <div class="card-body">
        <i class='fas servicesIcon fa-address-book'></i>
        <h4 class="card-title mt-3"><b><i>Ensure Clear
Communication</i></b></h4>
        <p class="card-text mt-3"><i style="font-
weight:500">There are chances of a customer did not explain his
order correctly.But we have appropriately trained staff in
communicating with the customers well over the telephone.
        </p></i>
      </div>
    </div>
  </div>
</div>
<div class="col-lg-4 mt-4">
  <div class="card servicesText">
    <div class="card-body">
      <i class='fas servicesIcon fa-utensils'></i>
      <h4 class="card-title mt-3"><b><i>Onilne
Menu</i></b></h4>
      <p class="card-text mt-3"><i style="font-
weight:500">We also Have an online menu that is crisp, concise,
easy to read, conveys all the necessary information.This online
menu can be anywhere, be it on your restaurant website or the
various restaurant delivery service providers.
      </p></i>
    </div>
  </div>
</div>

```



```

</div>

<div class="col-lg-4 mt-4">
  <div class="card servicesText">
    <div class="card-body">
      <i class='fas servicesIcon fa-layer-group'></i>
      <h4 class="card-title mt-3"><b><i>Focus On
Packaging</i></b></h4>
      <p class="card-text mt-3"><i style="font-
weight:500">Packaging is a critical aspect of food delivery that can
make customer satisfy with our service,So we Ensure that
customer's package must be safe,So that there is no spillage, and
the food is in good condition.
      </p></i>
    </div>
  </div>
</div>
</div>
</div>
</div>
</section>

```

- Here in this code I have included some of the services related to food ordering , which can attract customers towards it .
- Also here we have used bootstrap cards to display different services .
- This Section section has 2 rows and 3 columns each. For large screens with a width greater than or equal to 992px, three cards are displayed in a row. For screens less than 992px wide, only a single card is displayed in a row.
- Also, there are fonts added in each card of Services section to make them look better.
- **Now adding CSS to above code to increase the font icon font size and card height and adding extra color when a user hovers over a card.**

```

/* services section css */
.servicesText.card {
  height: 280px;
  cursor: pointer;

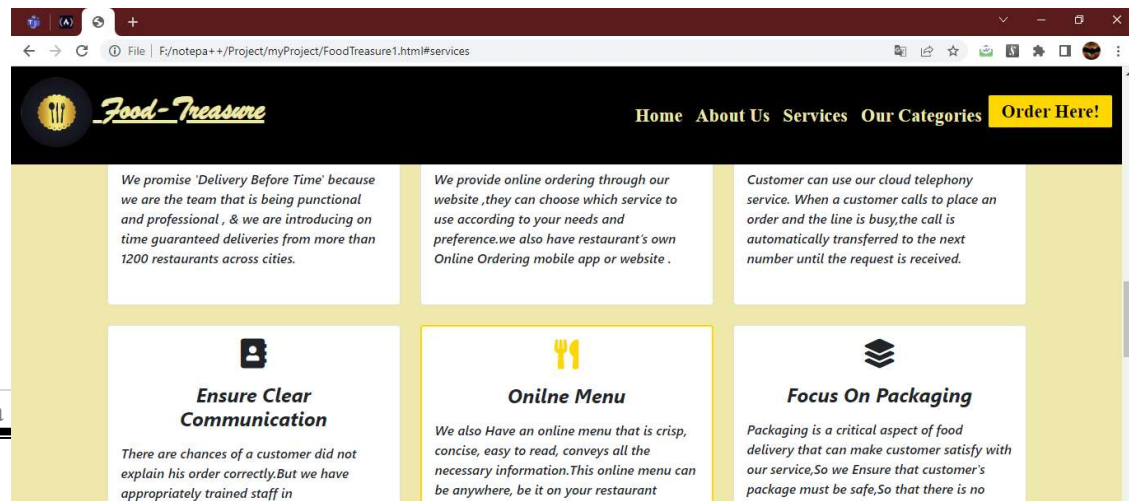
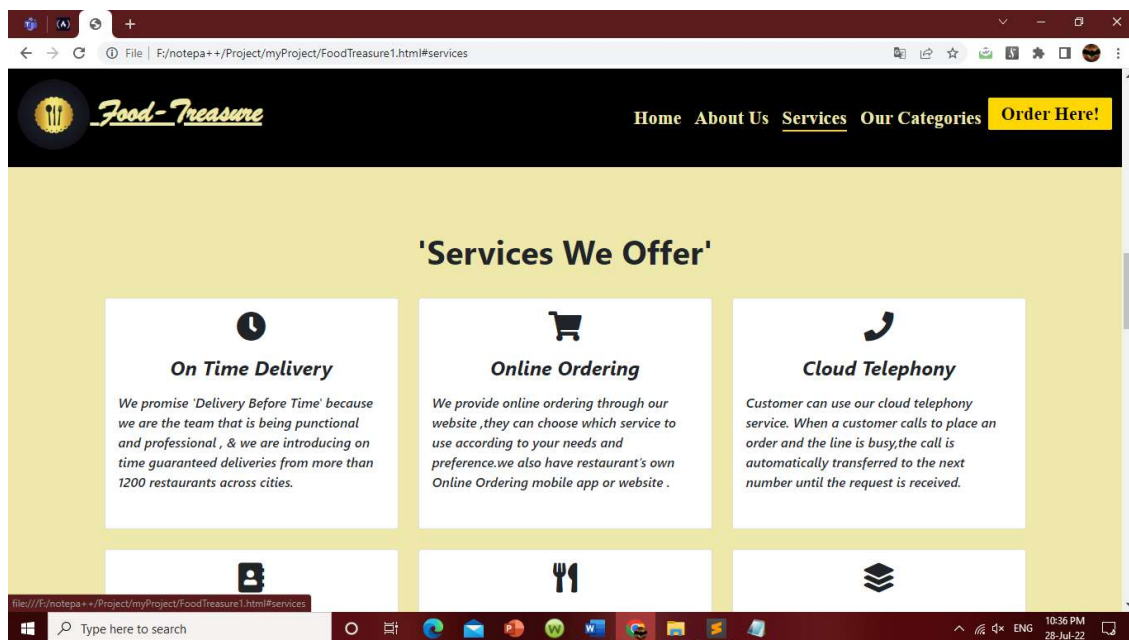
```

```

    }
    .servicesIcon {
      font-size: 36px;
      text-align: center;
      width: 100%;
    }
    .card-title {
      text-align: center;
    }
    .card:hover .servicesIcon {
      color: gold;
    }
    .servicesText:hover {
      border: 2px solid gold;
    }
  }

```

➤ This is how our services section looks :



- Now , Adding a script in the “script.js” file for adding a dark background color to nav-bar on page scroll .
- For that we need to add the following code in the “script.js” .

```
const header = document.querySelector('.navbar');  
window.onscroll = function() {  
  var top = window.scrollY;  
  if(top >=100) {  
    header.classList.add('navbarDark');  
  }  
  else {  
    header.classList.remove('navbarDark');  
  }  
}
```

- Here in this code the querySelector method returns the first element that matches the CSS selector (which is .navbar in this case).
- window.onscroll fires up when the scroll event happens.
- window.scrollY returns the number of pixels that the document is scrolled vertically and its value is assigned to a variable named top.
- If the value of top is greater than or equal to 100, it adds a class of navbarDark to the header.
- Now , adding CSS for the navbarDark class. For that, go to your style.css file and add the following code:

```
/* display background color black on navbar scroll */  
.navbarScroll.navbarDark {  
  background-color: black;
```

- So , This is how the navbar background color while on scroll looks like on the top you can see :



- Now , lets make other section which is “Our Categories” :
- Here we will use Bootstrap cards to display the different categories of foods we offer in this section . There will be 2 rows and each row will have 3 columns of cards.
- This will be the code for this section .

```

<!-- categories section-->
<section id="OurCategories">
  <div class="container mt-3">
    <h1 class="text-center"><strong>'Our Categories'</strong></h1>
    <div class="row">
      <div class="col-lg-4 mt-4 d-flex align-items-stretch">
        <div class="card">
          
          <div class="card-body">
            <h4 class="card-title"><i><strong>'Vegetarian
Dishes'</strong></i></h4>
            <p class="card-text"><i style="font-weight:500">List it
out all your favorites vegetarian dishes , check it out out all
categories.</i></p>
            <div class="text-center">
              <a href="#" class="btn btn-info">Vegetarian here</a>
            </div>
          </div>
        </div>
      </div>
      <div class="col-lg-4 mt-4 d-flex align-items-stretch">
        <div class="card">
          

```

```

        <div class="card-body">
            <h4 class="card-
title"><br><strong><i>'Pizza'</i></strong></h4>
            <p class="card-text"><i style="font-weight:500">Check it
out , our Categories of pizza all types of pizza are available here , just
check it out and order..</p></i>
            <div class="text-center">
                <a href="#" class="btn btn-info">Pizza's here</a>
            </div>
        </div>
    </div>
</div>

```

```

    <div class="col-lg-4 mt-4 d-flex align-items-stretch">
        <div class="card">
            
            <div class="card-body">
                <h4 class="card-title"><br><i><strong>'Broasted &
Fried'</strong></i></h4>
                <p class="card-text"><i style="font-weight:500">Get all
types your favorites chickens in this category , discount is available in
this section.Check it out here..</p></i>
                <div class="text-center">
                    <a href="#" class="btn btn-info">Check here</a>
                </div>
            </div>
        </div>
    </div>
</div>
<br>

```

```

    <div class="row">
        <div class="col-lg-4 mt-4 d-flex align-items-stretch">
            <div class="card">
                
                <div class="card-body">
                    <h4 class="card-
title"><strong><i>'Sandwiches'</i></strong></h4>
                    <p class="card-text"><i style="font-weight:500">'Get all
type of sandwiches you want , all categories of sandwiches are
available..'.</p></i>
                    <div class="text-center">
                        <a href="#" class="btn btn-info">Check it out</a>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

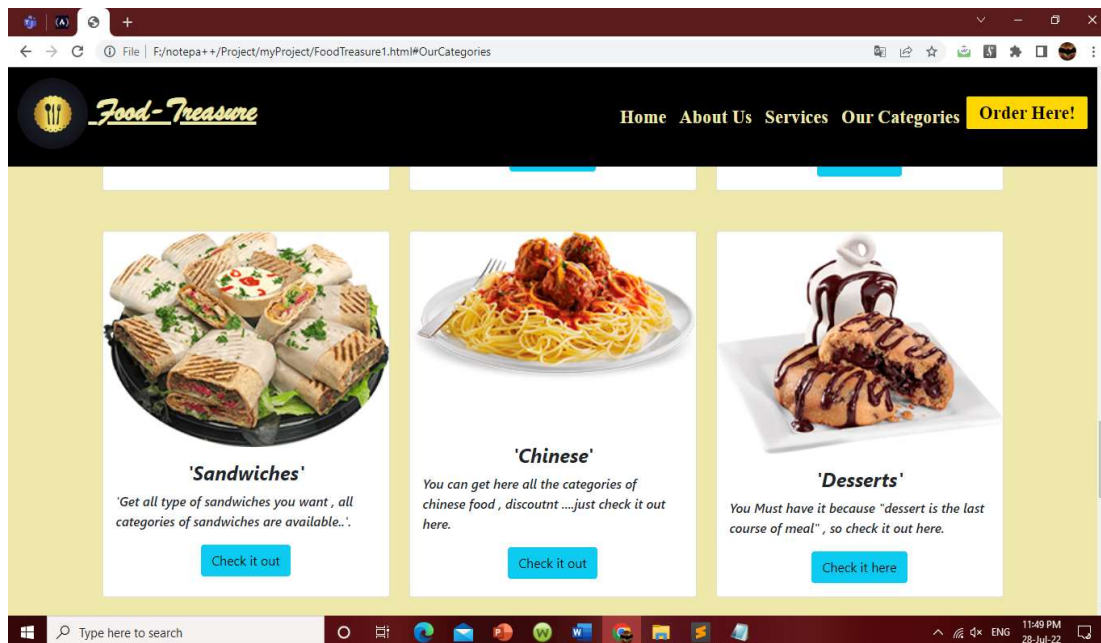
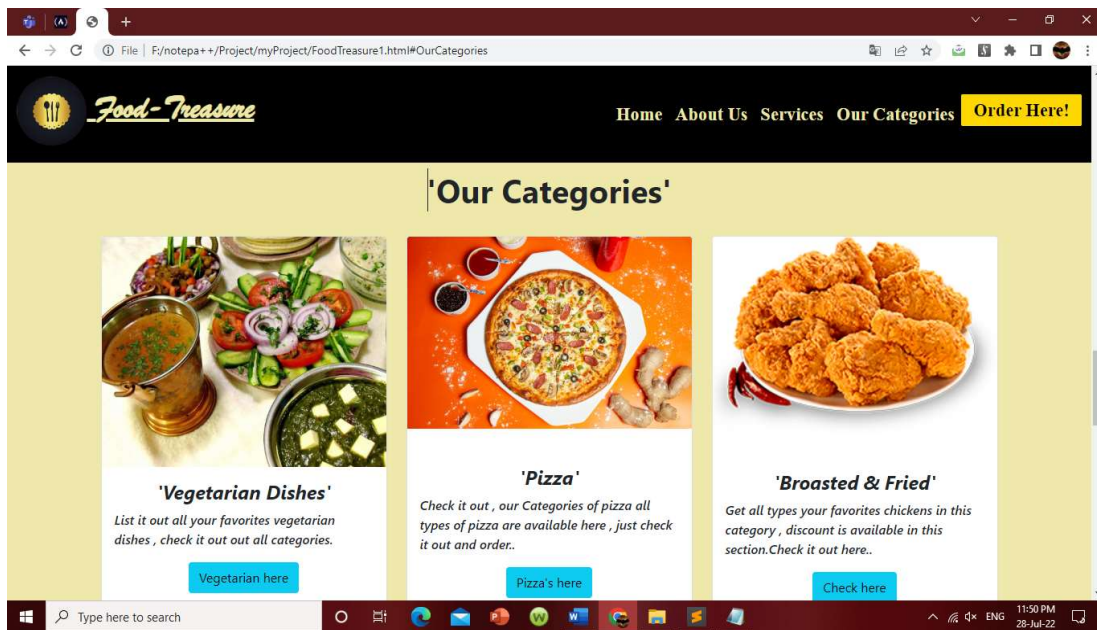
    </div>
  </div>

  <div class="col-lg-4 mt-4 d-flex align-items-stretch">
    <div class="card">
      
      <div class="card-body">
        <h4 class="card-
title"><br><br><i><strong>'Chinese'</strong></i></h4>
        <p class="card-text"><i style="font-weight:500">You can
get here all the categories of chinese food , discount ...just check it out
here. </i></p>
        <div class="text-center">
          <a href="#" class="btn btn-info">Check it out</a>
        </div>
      </div>
    </div>
  </div>

  <div class="col-lg-4 mt-4 d-flex align-items-stretch">
    <div class="card">
      
      <div class="card-body">
        <h4 class="card-title"><b><i>'Desserts'</i></b></h4>
        <p class="card-text"><i style="font-weight:500">You
Must have it because "dessert is the last course of meal" , so check it out
here.</p></i>
        <div class="text-center">
          <a href="#" class="btn btn-info">Check it here</a>
        </div>
      </div>
    </div>
  </div>
</section>

```

- In the above code , each card has an image for different types we offer , also its title, description for each .
- Three cards are displayed in a row for large screens.
- So , this is how the section looks like , you can see below :



- Now , we will build our last section which is "Contact" / Order Now section in our project .
- Here In this section I have divided it into two parts which is two columns in a single row .
- In first column I have added the image of our brand , in this I have styling of box-radius as 50% , so that it look like a logo .
- In the second column I have added a "contact"cum "ordering" form which will validate the form as per the user input .
- So the HTML code for it as below :

```
<!-- contact section-->
<section id="contact">
  <div class="container mt-3">
    <h1 class="text-center"><strong>'Contact Us for
Order'</strong></h1>
    <div class="row mt-4">
      <div class="col-lg-6">
        <div style="max-
width:100%;overflow:hidden;width:400px;height:360px; border-
radius:50%;">
          <div>
            
          </div>
        </div>
      <div class="col-lg-6">
        <!-- form fields -->
        <form autocomplete="on" method="post"
onsubmit="return formValidation()">
          <input type="text" class="form-control form-control-
lg mt-3" placeholder="Enter Your Full Name" id="name"
name="name">
          <input type="number" class="form-control mt-3"
id="phone" name="phone" placeholder="Enter Your Phone
Number">
          <input type="email" class="form-control mt-3"
id="email" name="email" placeholder="Enter E-mail">
```

```

        <input type="text" class="form-control mt-3"
id="order" name="order" placeholder="Type of your Order e.g
online / for functions etc.">
        <div class="mb-3 mt-3">
            <textarea class="form-control" rows="5"
id="details" name="text" placeholder="list / Details all of your
Selected Items for order"></textarea>
        </div><center>
            <button type="button" onclick="fun()" class="btn
btn-primary mt-3" style="width:550px">Submit,After
Verfying!</button></center>
            <center><div>
                <input type="submit" class="submit form-control mt-
3" value="Click Here to Verify" style="width:550px; border-color:
black; background-color:lightgrey;" onclick="formValidaton()">
            </div></center>
        </form>
    </div>
</div>
</section>
</section>

```

- Above code include the code for contact form , so in this we have to add its functionality using Javascript as below :
- **JavaScript code for contact form validation :**

```

//form validation
const name = document.getElementById("name");
const phone = document.getElementById("phone");
const email = document.getElementById("email");
const order =document.getElementById("order");

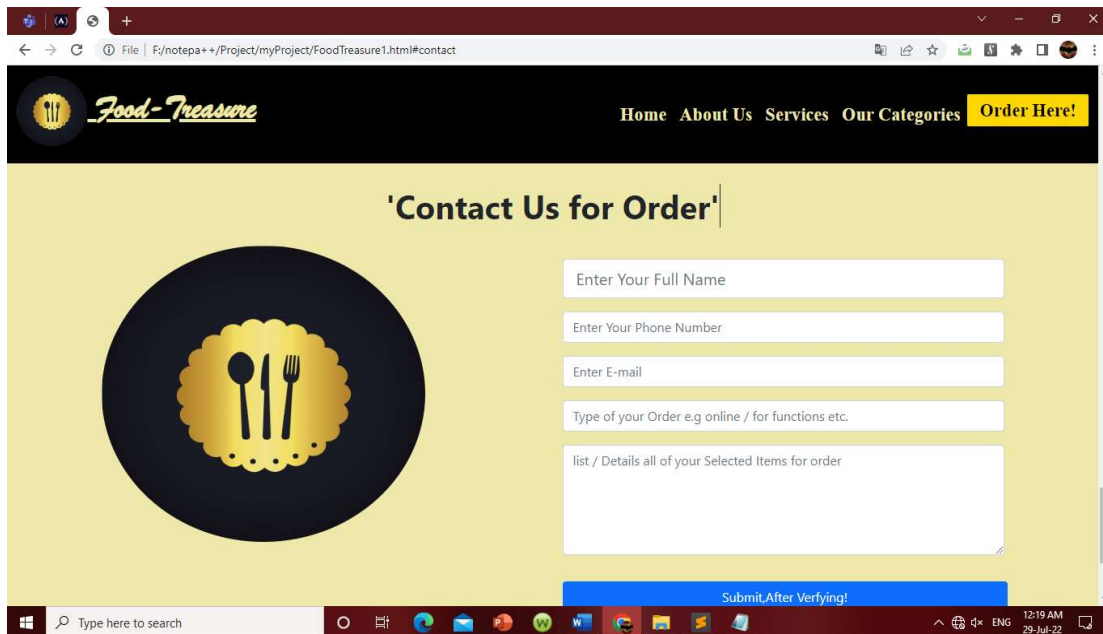
function formValidation()
{
    if (name.value.length < 5 || name.value.length > 20) {
        alert("Name length should be more than 5 and less than 21");
        name.focus();
        return false; }

    if (!phone.value.match(/^[1-9][0-9]{9}$/)) {

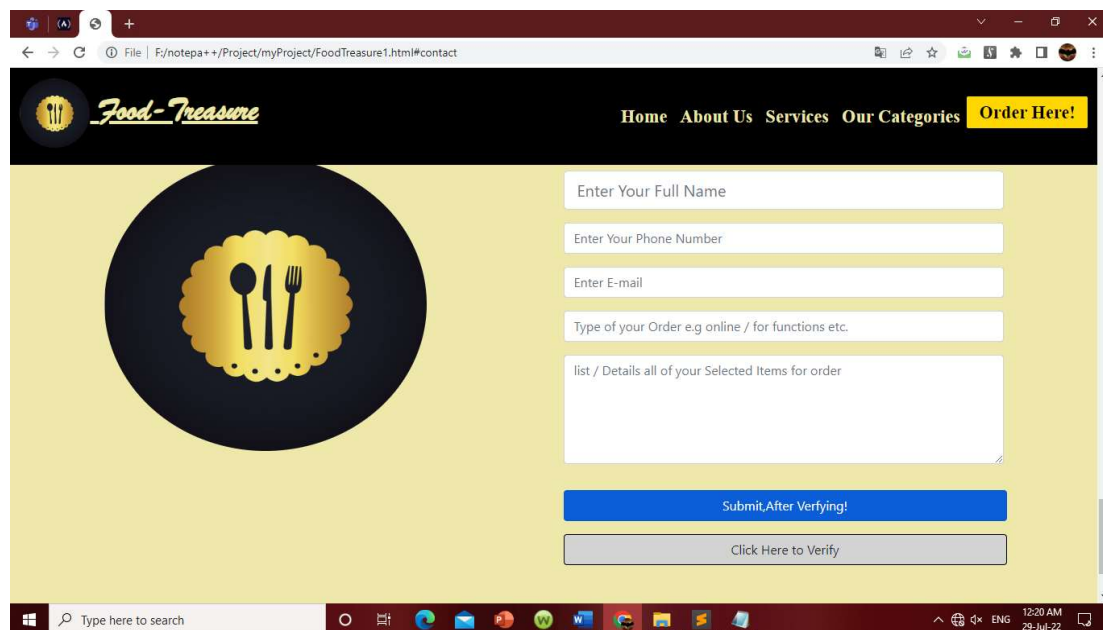
```

```
    alert("Phone number must be 10 characters long number and first  
digit can't be o!");  
    phone.focus();  
    return false; }  
  
    if  
(!email.value.match(/^\w+([\-]?[0-9])*\@\w+([\-]?[0-9])*(\.\w{2,3})  
+$/)) {  
    alert("Please enter a valid email!");  
    email.focus();  
    return false; }  
  
    if (order.value.length < 10 || order.value.length > 50) {  
    alert("Please dont order single item , *max. length is 50 ");  
    order.focus();  
    return false;  
    }  
  
    else {  
        //alert("Thanks for submitting");  
        swal({  
            title: "Good Job!" ,  
            text : "Your have Successfully Submitted Your Order.." ,  
            icon : "success"  
        });  
    }  
  
}
```

- In this form , I have used the “sweet alert” function for displaying the alert message as “you have submitted” .
- For sweet alert , we have add its CDN in the head tag section .
- So after adding all this the contact section looks like , you can see below with is contact form validation .



The screenshot shows a web browser window with the URL `F:/notepa+ +/Project/myProject/FoodTreasure1.html#contact`. The website has a dark blue header with the 'Food-Treasure' logo on the left and navigation links 'Home', 'About Us', 'Services', 'Our Categories', and a yellow 'Order Here!' button on the right. The main content area has a light yellow background. On the left, there is a large dark blue circle containing a yellow scalloped-edged circle with a black silhouette of a spoon, knife, and fork. To the right of this graphic is a contact form with the title 'Contact Us for Order'. The form includes five input fields: 'Enter Your Full Name', 'Enter Your Phone Number', 'Enter E-mail', 'Type of your Order e.g online / for functions etc.', and a larger text area for 'list / Details all of your Selected Items for order'. A blue button labeled 'Submit,After Verifying!' is positioned below the form. The Windows taskbar at the bottom shows the search bar and several application icons, with the system clock displaying '12:19 AM 29-Jul-22'.



This screenshot is identical to the one above, showing the 'Food-Treasure' contact page. However, an additional grey button labeled 'Click Here to Verify' has been added below the blue 'Submit,After Verifying!' button. The rest of the page layout, including the header, navigation, logo, form fields, and taskbar, remains the same.

➤ **Contact Form validation in this section looks like :**

The screenshot shows a web browser window displaying the 'Food-Treasure' contact page. The page has a dark header with the logo and navigation links: Home, About Us, Services, Our Categories, and a yellow 'Order Here!' button. The main content area has a yellow background with a large circular logo on the left. On the right, there is a contact form with the following fields and values:

- Name: Md Rahil
- Phone Number: 7020395474
- Email: +91 7083105675

A red validation message is displayed below the email field: "Please include an '@' in the email address. '+91 7083105675' is missing an '@'." Below the form, there is a blue button labeled "Submit,After Verifying!" and a grey button labeled "Click Here to Verify".

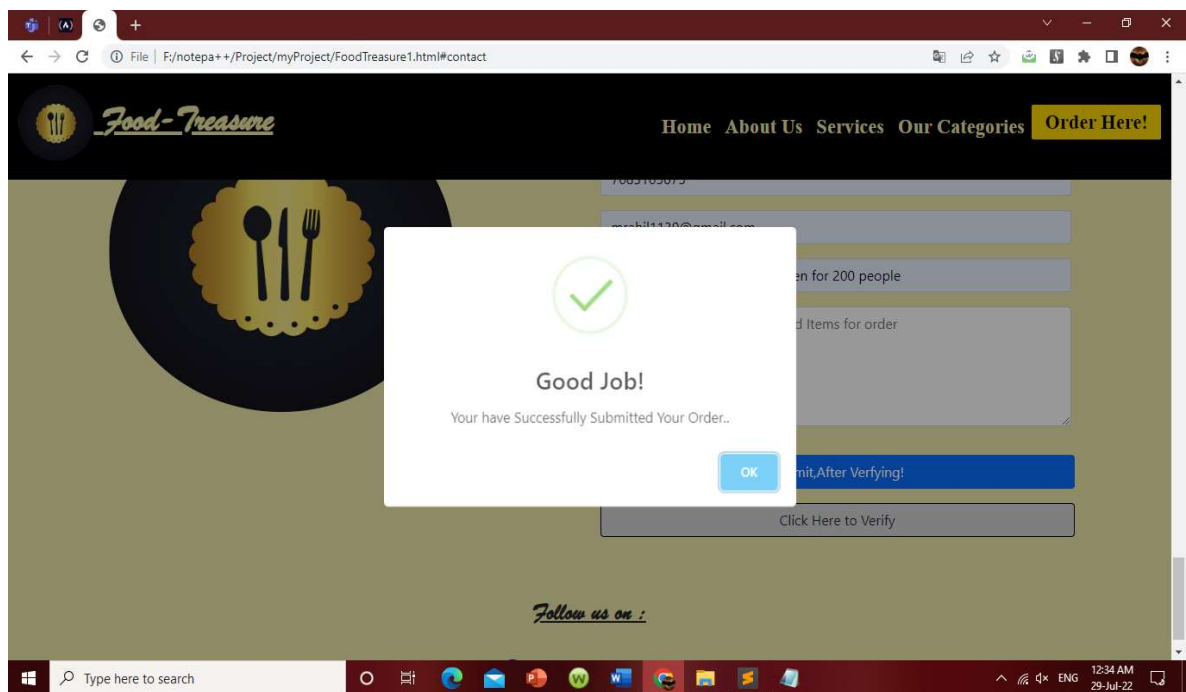
The screenshot shows the same 'Food-Treasure' contact page, but with different form data and a validation message. The form fields are:

- Name: Md Rahil
- Phone Number: 7020395474
- Email: mrahil1139@gmail.com
- Food Item: pizza

A white validation message box is displayed over the form, stating: "This page says: Please dont order single item, 'max. length is 50". The blue "Submit,After Verifying!" button and the grey "Click Here to Verify" button are still visible at the bottom of the form.





➤ As you can see in above screenshot , in the contact form I have added various validation for name , phone number , email , and for ordering food etc.

- As you can see above when we order only single item , and click on “click here to verify” then it shows the alert message as “please don’t order single item”.
- Another thing in this form validation is when all the things are perfect means all the information are correct then it shows the sweet alert message as “ your order has been submitted ”, as you can see below :



- So this is all about the Contact section .
- Now at last , we are adding footer into our webpage , this is the last section of our website .
- Lets add this section .

Footer Section :

-  In this section we are simply adding a font- awesome icons for making a follow-us footer page for our brand .
-  so for this , We have already added a link to the font awesome CDN in our html file .
-  In the Footer, we can add links to our social media through font awesome icons .
-  So the code for it as below :

```
<!-- footer section-->
<footer id="footer">
  <h3><i><strong style="font-family: Brush Script MT, Brush
Script Std ,cursive;"><u>Follow us on :</i></h3></strong></u>
  <div class="container-fluid">
    <!-- social media icons -->
    <div class="social-icons mt-4">
      <a href="https://www.facebook.com/" target="_blank"><i
class="fab fa-facebook" style="color:blue;"></i></a>
      <a href="https://www.instagram.com/"
target="_blank"><i class="fab fa-instagram"
style="color:darkred;"></i></a>
      <a href="https://www.twitter.com/" target="_blank"><i
class="fab fa-twitter" style="color:blue;"></i></a>
      <a href="https://www.linkedin.com/" target="_blank"><i
class="fab fa-linkedin" style="color:blue;"></i></a>
      <a href="https://www.messenger.com/"
target="_blank"><i class="fas fa-comments" style="color:
blue;"></i></a>
    </div>
  </div>
</footer>
<!-- load javascript after loading all html content -->
<script src="script.js"></script>
<script src="script1.js"></script>
<script src="script(2).js"></script>
</body>
</html>
```

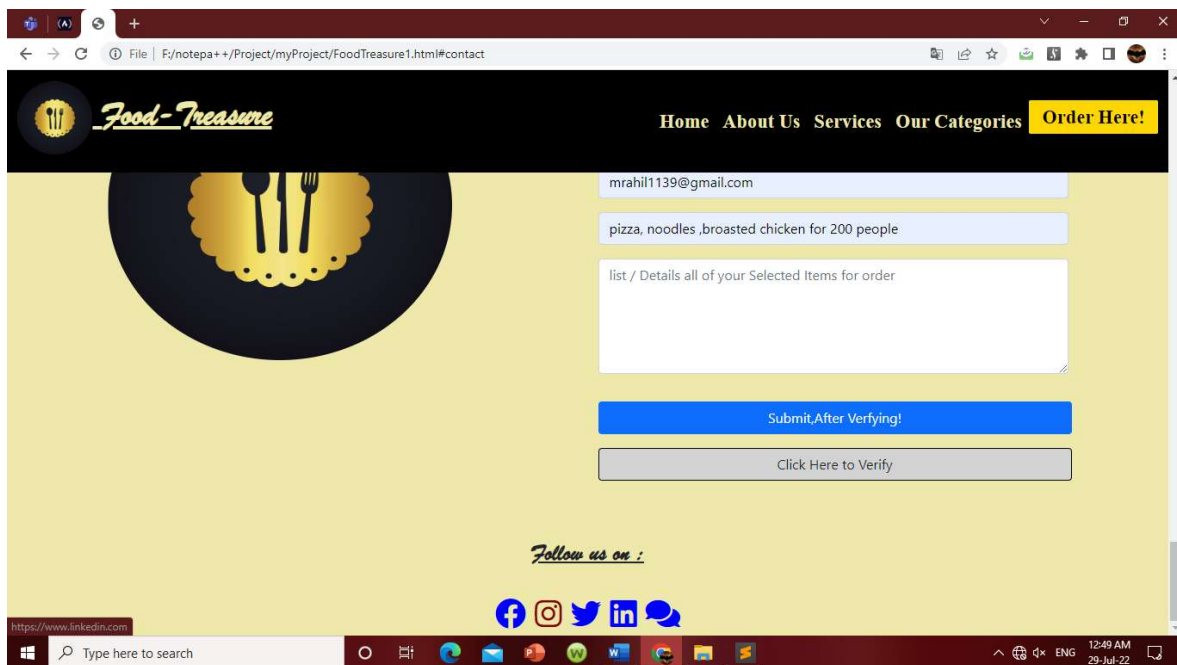
-  For looks attractive adding CSS for it as below :

```

/* social media icons styling */
.social-icons {
  font-size: 36px;
  cursor: pointer;
}
.fa-facebook:hover,.fa-instagram:hover,.fa-twitter:hover,.fa-
linkedin:hover, .fa-twitch:hover {
  color: #008000;
}
.fab {
  color: #000000;
}
/* footer styling */
#footer {
  background-color: transparent;
  text-align: center;
}
/* spacing on all sections */
#about, #services, #contact {
  margin-top: 4rem;
  padding-top: 4rem;
}

```

Now after all this styling the footer will look like this as below :




Conclusion :

- So , This is how we have created a complete responsive “Food Ordering” website using HTML, CSS, JavaScript, and Bootstrap.
- In this we divided the whole website into different sections and we built it.

Results :

- We have done with creating website / ui designing using HTML , CSS , JavaScript ,and BootStrap .
- This Project has been Succesfully Completed and it has also been uploaded to the GitHub . (*below you can check the link pasted) .

 ***GitHub link for Project :

“ https://github.com/mr1139/Rahil_uiProject_WebDesigning.git”