

# SMARTED ASSIGNMENT 1

## CREATE STATIC WEB PAGE USING HTML,CSS AND BOOTSTRAP

### Project Setup:

Create an HTML file(index.html) and a CSS file(styles.css) within a project folder. Include Bootstrap via a CDN link in HTML.

### Build the HTML Structure:

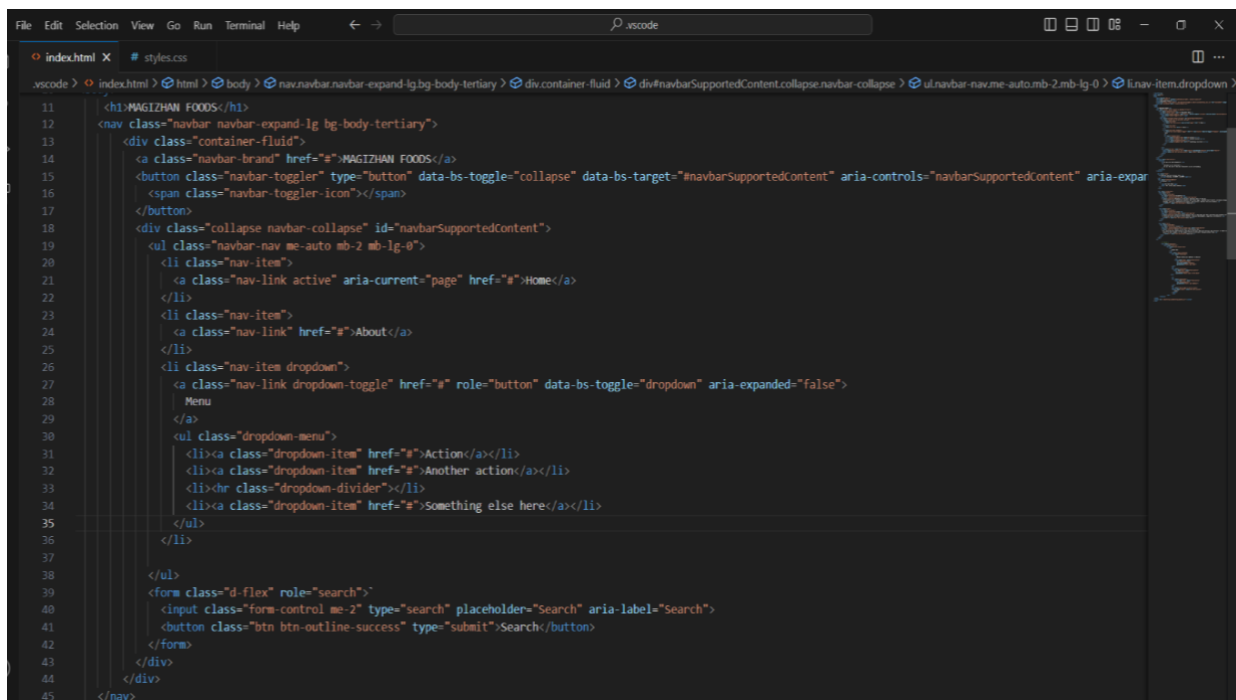
Create the basic HTML structure with <head>,<title> and links to your CSS and Bootstrap files.



```
index.html • # styles.css
.vscode > index.html > html > head > link
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>RESTURANT WEBSITE</title>
7   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3c6CoIi6uLFA9TnNEo7RxnatzjcDSCmG1P9XSRIGASX"
8   <link rel="stylesheet" href="/styles/styles.css">
9 </head>
```

### Add Bootstrap Classes:

Use Bootstrap classes to style and structure elements.

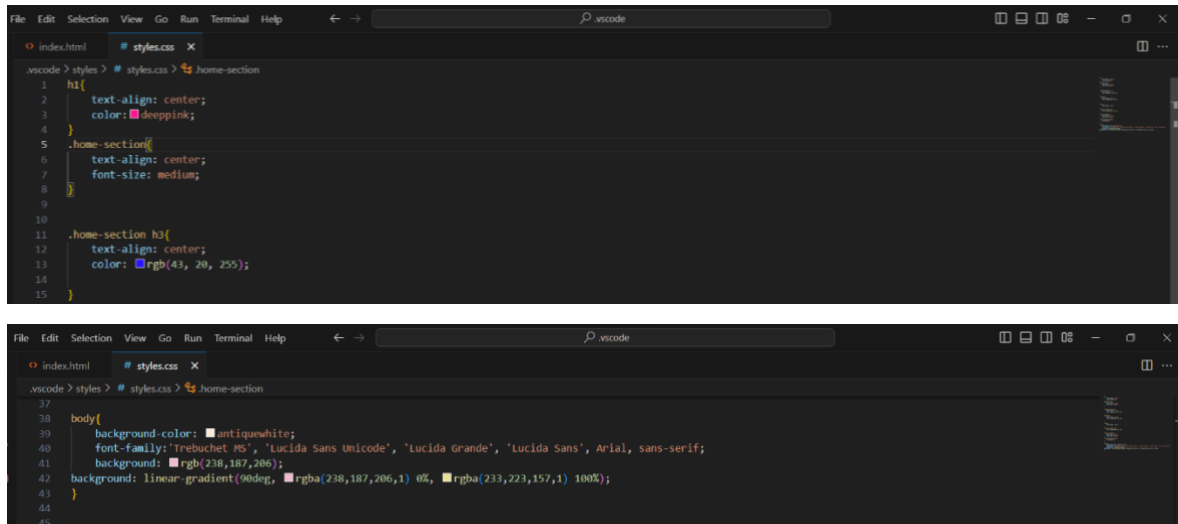


```
File Edit Selection View Go Run Terminal Help
.vscode > index.html > html > body > nav.navbar.navbar-expand-lg.bg-body-tertiary > div.container-fluid > div.navbarSupportedContent.collapse.navbar-collapse > ul.navbar-nav.me-auto.mb-2.mb-lg-0 > li.nav-item.dropdown
11 <h1>MAGIZHAN FOODS</h1>
12 <nav class="navbar navbar-expand-lg bg-body-tertiary">
13   <div class="container-fluid">
14     <a class="navbar-brand" href="#">MAGIZHAN FOODS</a>
15     <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false">
16       <span class="navbar-toggler-icon"></span>
17     </button>
18     <div class="collapse navbar-collapse" id="navbarSupportedContent">
19       <ul class="navbar-nav me-auto mb-2 mb-lg-0">
20         <li class="nav-item">
21           <a class="nav-link active" aria-current="page" href="#">Home</a>
22         </li>
23         <li class="nav-item">
24           <a class="nav-link" href="#">About</a>
25         </li>
26         <li class="nav-item dropdown">
27           <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false">
28             Menu
29           </a>
30           <ul class="dropdown-menu">
31             <li><a class="dropdown-item" href="#">Action</a></li>
32             <li><a class="dropdown-item" href="#">Another action</a></li>
33             <li><hr class="dropdown-divider"></li>
34             <li><a class="dropdown-item" href="#">Something else here</a></li>
35           </ul>
36         </li>
37       </ul>
38     </div>
39     <form class="d-flex" role="search">
40       <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">
41       <button class="btn btn-outline-success" type="submit">Search</button>
42     </form>
43   </div>
44 </nav>
```

## Write Custom CSS:

In styles.css file, add custom CSS to further styles and customize elements.

Customize the body background, sections and more as needed.



The image shows two screenshots of the VS Code editor. The top screenshot displays the 'styles.css' file with the following CSS rules:

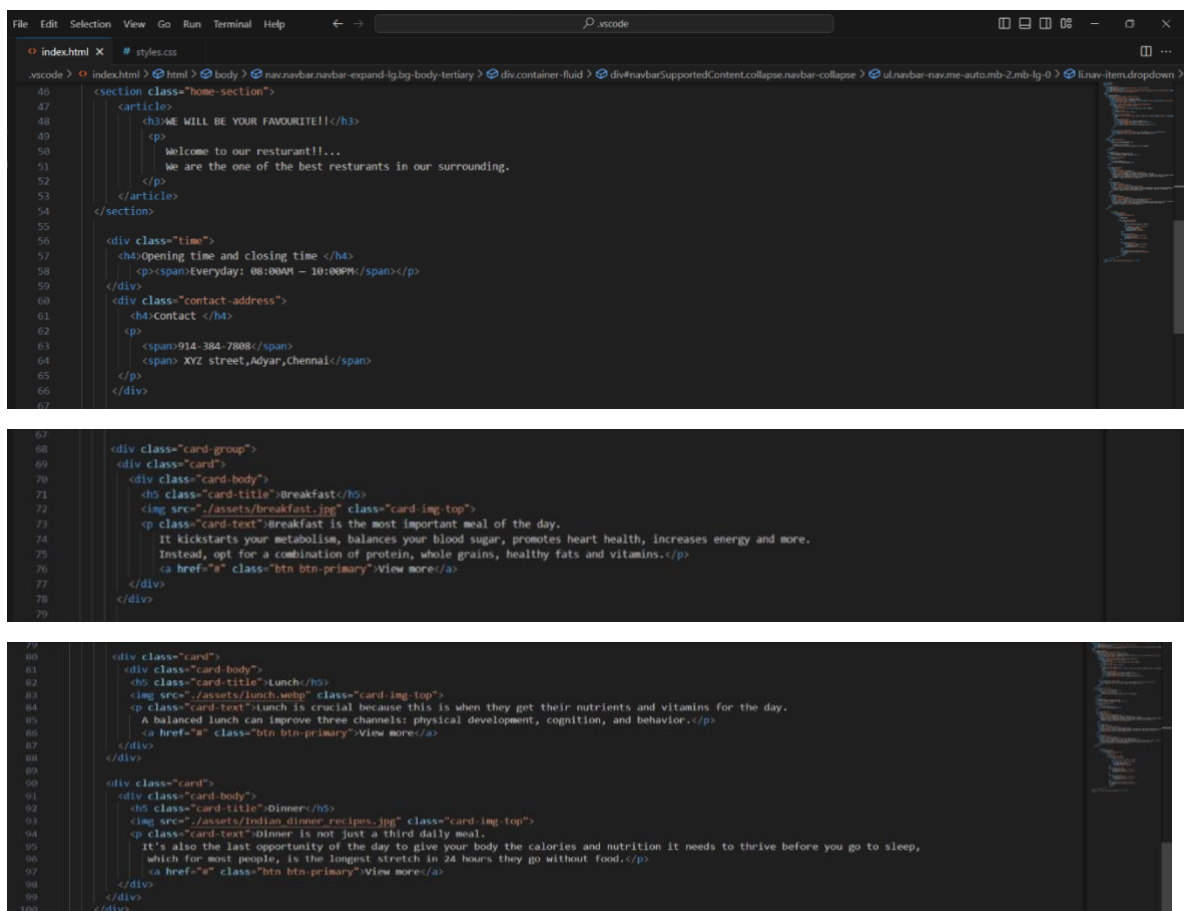
```
1 h1{
2   text-align: center;
3   color: deeppink;
4 }
5 .home-section{
6   text-align: center;
7   font-size: medium;
8 }
9
10
11 .home-section h3{
12   text-align: center;
13   color: rgb(43, 20, 255);
14 }
15 }
```

The bottom screenshot shows the 'body' rule in the same file:

```
37 body{
38   background-color: antiquewhite;
39   font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-serif;
40   background: linear-gradient(90deg, rgba(238,187,206,1) 0%, rgba(238,187,206,1) 0%, rgba(233,223,157,1) 100%);
41 }
42
43
44
45 }
```

## Add Content:

Populate the <main> section with web page's content by using Bootstrap components for cards, forms, buttons, and more.



The image shows three screenshots of the VS Code editor displaying the 'index.html' file. The top screenshot shows the initial HTML structure with Bootstrap classes:

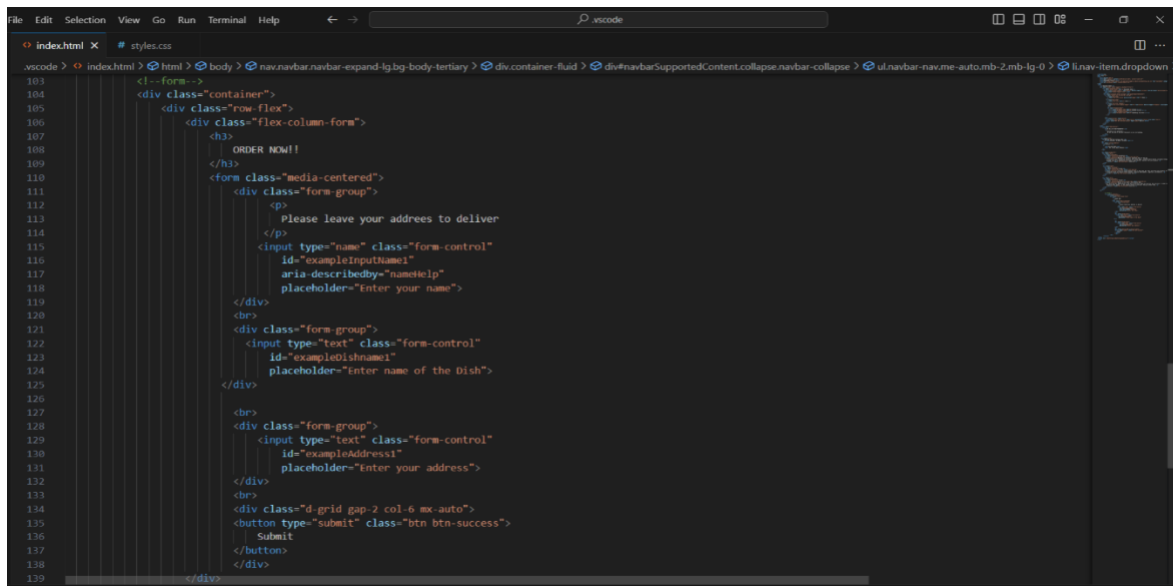
```
46 <section class="home-section">
47   <article>
48     <h3>WE WILL BE YOUR FAVOURITE!!</h3>
49     <p>
50       Welcome to our restaurant!!...
51       We are the one of the best restaurants in our surrounding.
52     </p>
53   </article>
54 </section>
55
56   <div class="time">
57     <h4>Opening time and closing time </h4>
58     <p><span>Everyday: 08:00AM – 10:00PM</span></p>
59   </div>
60   <div class="contact-address">
61     <h4>Contact </h4>
62     <p>
63       <span>914-384-7888</span>
64       <span>XYZ street,Adyar,Chennai</span>
65     </p>
66   </div>
67 </div>
```

The middle screenshot shows the first card (Breakfast) being added:

```
67
68 <div class="card-group">
69   <div class="card">
70     <div class="card-body">
71       <h5 class="card-title">Breakfast</h5>
72       
73       <p class="card-text">Breakfast is the most important meal of the day.
74         It kickstarts your metabolism, balances your blood sugar, promotes heart health, increases energy and more.
75         Instead, opt for a combination of protein, whole grains, healthy fats and vitamins.</p>
76       <a href="#" class="btn btn-primary">View more</a>
77     </div>
78   </div>
79 </div>
```

The bottom screenshot shows the second card (Lunch) being added:

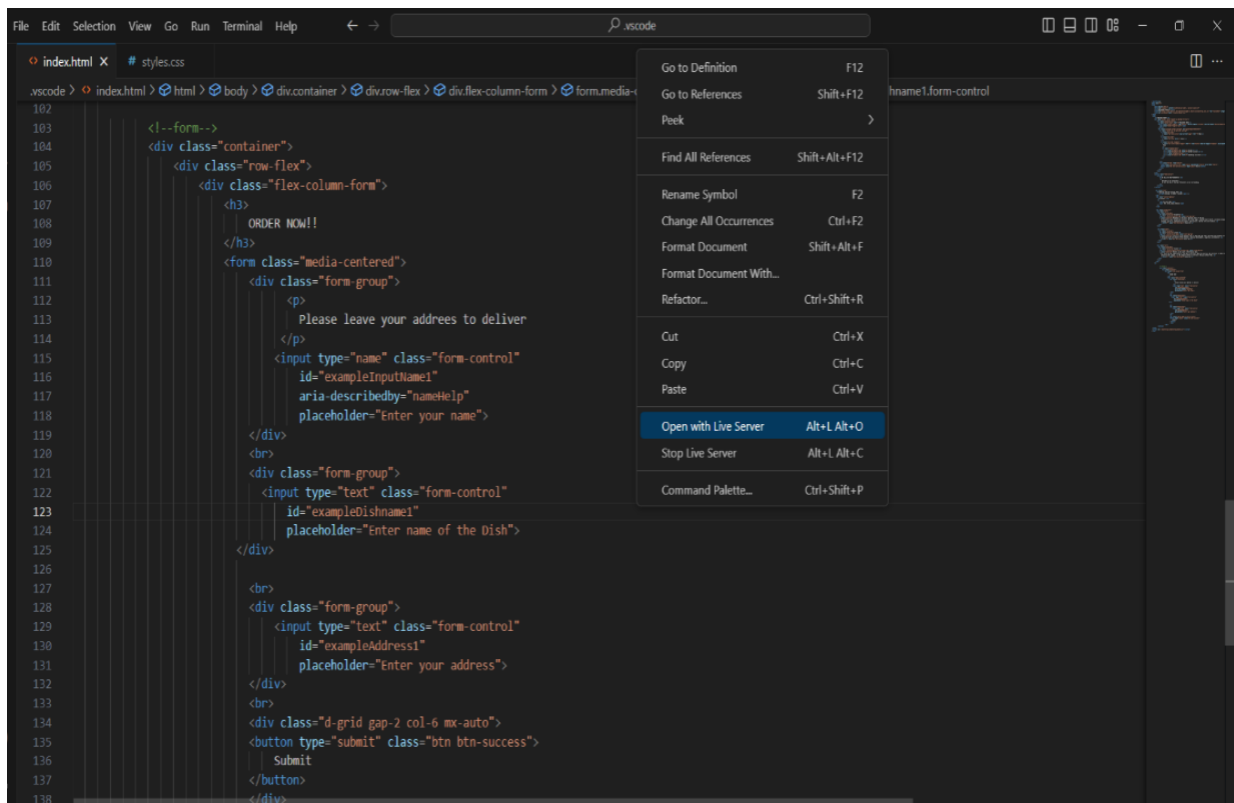
```
79
80 <div class="card">
81   <div class="card-body">
82     <h5 class="card-title">Lunch</h5>
83     
84     <p class="card-text">Lunch is crucial because this is when they get their nutrients and vitamins for the day.
85       A balanced lunch can improve three channels: physical development, cognition, and behavior.</p>
86     <a href="#" class="btn btn-primary">View more</a>
87   </div>
88 </div>
89
90 <div class="card">
91   <div class="card-body">
92     <h5 class="card-title">Dinner</h5>
93     
94     <p class="card-text">Dinner is not just a third daily meal.
95       It's also the last opportunity of the day to give your body the calories and nutrition it needs to thrive before you go to sleep,
96       which for most people, is the longest stretch in 24 hours they go without food.</p>
97     <a href="#" class="btn btn-primary">View more</a>
98   </div>
99 </div>
100 </div>
```



```
103 <!--form-->
104 <div class="container">
105   <div class="row-flex">
106     <div class="flex-column-form">
107       <h3>
108         ORDER NOW!!
109       </h3>
110       <form class="media-centered">
111         <div class="form-group">
112           <p>
113             Please leave your addrees to deliver
114           </p>
115           <input type="name" class="form-control"
116             id="exampleInputName1"
117             aria-describedby="nameHelp"
118             placeholder="Enter your name">
119         </div>
120         <br>
121         <div class="form-group">
122           <input type="text" class="form-control"
123             id="exampleDishname1"
124             placeholder="Enter name of the Dish">
125         </div>
126         <br>
127         <div class="form-group">
128           <input type="text" class="form-control"
129             id="exampleAddress1"
130             placeholder="Enter your address">
131         </div>
132         <br>
133         <div class="d-grid gap-2 col-6 mx-auto">
134           <button type="submit" class="btn btn-success">
135             Submit
136           </button>
137         </div>
138       </form>
139     </div>
140   </div>
141 </div>
```

## Test Your Web Page:

Open index.html in a web browser to test static web page. Ensure it looks and functions as intended.



```
102 <!--form-->
103 <div class="container">
104   <div class="row-flex">
105     <div class="flex-column-form">
106       <h3>
107         ORDER NOW!!
108       </h3>
109       <form class="media-centered">
110         <div class="form-group">
111           <p>
112             Please leave your addrees to deliver
113           </p>
114           <input type="name" class="form-control"
115             id="exampleInputName1"
116             aria-describedby="nameHelp"
117             placeholder="Enter your name">
118         </div>
119         <br>
120         <div class="form-group">
121           <input type="text" class="form-control"
122             id="exampleDishname1"
123             placeholder="Enter name of the Dish">
124         </div>
125         <br>
126         <div class="form-group">
127           <input type="text" class="form-control"
128             id="exampleAddress1"
129             placeholder="Enter your address">
130         </div>
131         <br>
132         <div class="d-grid gap-2 col-6 mx-auto">
133           <button type="submit" class="btn btn-success">
134             Submit
135           </button>
136         </div>
137       </form>
138     </div>
139   </div>
140 </div>
```

MAGIZHAN FOODS

MAGIZHAN FOODS

Home

About

Menu

Search

Search

WE WILL BE YOUR FAVOURITE!!

Welcome to our restaurant!!... We are the one of the best restaurants in our surrounding.



Opening time and closing time

Everyday: 08:00AM – 10:00PM

Contact

914-384-7808 XYZ street,Adyar,Chennai


Breakfast

Breakfast is the most important meal of the day. It kickstarts your metabolism, balances your blood sugar, promotes heart health, increases energy and more. Instead, opt for a combination of protein, whole grains, healthy fats and vitamins.

View more



Lunch



Lunch is crucial because this is when they get their nutrients and vitamins for the day. A balanced lunch can improve three channels: physical development, cognition, and behavior.

View more

Dinner

Dinner is not just a third daily meal. It's also the last opportunity of the day to give your body the calories and nutrition it needs to thrive before you go to sleep, which for most people, is the longest stretch in 24 hours they go without food.

View more

ORDER NOW!!

Please leave your addrees to deliver

Enter your name

Enter name of the Dish

Enter your address

Submit

## Refine and Customize:

Continue to refine and customize web page be adding more styles.

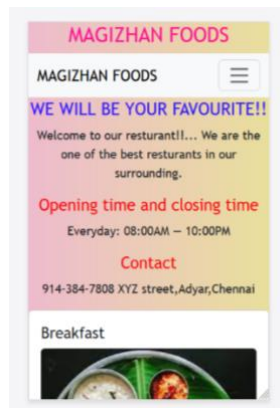
```

File Edit Selection View Go Run Terminal Help
vscode
index.html styles.css x
.styles.css
1 h1{
2   text-align: center;
3   color: #deeppink;
4 }
5 .home-section{
6   text-align: center;
7   font-size: medium;
8 }
9
10
11 .home-section h3{
12   text-align: center;
13   color: #43, 20, 255;
14 }
15
16 .time h4{
17   text-align: center;
18   color: #250, 10, 14;
19 }
20
21
22 .time{
23   text-align: center;
24 }
25
26 .contact-address h4{
27   color: #250, 10, 14;
28 }
29
30 .contact-address{
31   text-align: center;
32   font-size: medium;
33 }
34 .flex-column-form h3{
35   color: #green;
36 }

```

## Optimize for Mobile:

Use Bootstrap's responsive classes to ensure web page is mobile friendly.



## Publish Your Web Page:

To make your web page accessible online. Consider services like GitHub Pages, Netlify, or hosting providers.

## Tools and Software required:

- Code editor(Visual Studio Code)
- Web browser(Google Chrome, Firefox)
- Bootstrap CDN on <head> section:

```
<link  
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.m  
in.css">
```