

Table of Contents

INTRODUCTION	4
<i>What should you know before start Bootstrap?.....</i>	<i>4</i>
<i>Download Bootstrap compile code of CSS and JS</i>	<i>4</i>
<i>Sublime text Environment setup</i>	<i>5</i>
HOW SIMPLY CSS WORKS	6
BOOTSTRAP CSS CHECKING	7
<i>Let's see how Bootstrap CSS how looks like.....</i>	<i>7</i>
<i>Instead of css files let's link bootstrap.css file.....</i>	<i>8</i>
RESPONSIVE WEB DESIGN AND CONTAINERS	9
INSPECT ANY WEBPAGE DESKTOP AND MOBILE VIEW	9
WHAT IS RESPONSIVE WEBSITE.....	10
CONTAINERS	12
MAKE RESPONSIVE WEBSITES.....	12
CHECK RESPONSIVENESS.....	14
<i>With Responsive Tag.....</i>	<i>14</i>
<i>Without Responsive Tag</i>	<i>15</i>
BOOTSTRAP ROWS AND 12 GRID SYSTEM	16
INTRODUCTION	16
<i>Example 1</i>	<i>18</i>
<i>Example 2</i>	<i>20</i>
REAL PROJECT 1.....	22
<i>Desired output</i>	<i>22</i>
<i>Creating the project</i>	<i>25</i>
CODING.....	29
TAB BUTTON SHORTCUTS.....	31
GET UPDATES AND MORE TEMPLATES FROM BOOTSTRAP	33
CREATE NAVIGATION BAR	35
DESIRED OUTPUT	35
CREATE NAVIGATION BAR.....	35
<i>Other Customizations</i>	<i>36</i>
NAVIGATION BAR LINKS	37
<i>Nav Bar content create</i>	<i>37</i>
<i>Connect JS Files</i>	<i>40</i>
<i>Nav Bar further modifications</i>	<i>43</i>
<i>How to learn more things about Nav Bar</i>	<i>45</i>
CODING.....	46
BUTTONS	49
<i>Normal color Buttons.....</i>	<i>49</i>
<i>Button with Link (Using Anchor Tag)</i>	<i>50</i>
<i>Using buttons as Input tags when using forms.....</i>	<i>50</i>
<i>Buttons with outline</i>	<i>51</i>
<i>Change button size</i>	<i>51</i>
<i>Make button active and deactive</i>	<i>52</i>
<i>Make button group</i>	<i>52</i>
CODING.....	54
ALERTS.....	60
<i>Normal Alert Box.....</i>	<i>60</i>

<i>Alert Box with Link</i>	60
<i>Alert Box with more content</i>	61
<i>Dismissing alert box by clicking close icon</i>	61
CODING.....	63
BADGES	67
<i>Normal Badge</i>	67
<i>Using badge as a part of buttons or links</i>	67
<i>Contextual Variation (Color badges)</i>	68
<i>Pill Badges</i>	68
<i>Use badges as links</i>	69
CODING.....	70
MODAL	73
<i>Normal Modal</i>	73
<i>Long Scrollable Modal</i>	75
<i>Vertically Aligned Model</i>	76
<i>Different Size Models</i>	77
CODING.....	80
CAROUSEL	92
LINKING DOWNLOADED JQUERY AND BOOTSTRAP FILES	92
<i>Basic Carousel</i>	96
<i>Carousel with controls</i>	97
<i>Carousel with indicators</i>	98
<i>Carousel with Captions</i>	99
<i>Carousel with Crossfade</i>	100
<i>Set Carousel item change interval</i>	101
<i>Make Responsive Carousels</i>	102
CODING.....	105
CARDS	116
<i>Basic Card</i>	117
<i>How to create Card Overlay</i>	119
<i>Card Background Colors</i>	120
<i>Card Group</i>	121
GRID CARDS.....	123
<i>With 2 columns when get medium size</i>	123
<i>With 3 columns when get medium size</i>	125
CODING.....	127
JUMBOTRON	133
<i>Normal Jumbotron</i>	134
<i>Jumbotron-Fluid</i>	135
CODING.....	136
FORMS	138
<i>Form Controls</i>	138
<i>Single Column Form</i>	140
<i>Form Grid</i>	141
<i>Enhanced Form Grid</i>	142
CODING.....	144
TIPS AND TRICKS	150

Introduction

- Bootstrap is a free and open-source front end development framework for the creation of websites and web apps. (The aim of frameworks is to provide a common structure so that developers don't have to redo it from scratch and can reuse the code provided.)
- The Bootstrap framework is built on HTML, CSS, and JavaScript (JS) to facilitate the development of responsive, mobile-first sites and apps.
- CSS is a less widely used framework that only uses CSS, while Bootstrap is a more widely used framework that uses CSS and JavaScript.

What should you know before start Bootstrap?

- 1) HTML
- 2) CSS
- 3) Java Script (JS)
- 4) Bootstrap compile code of CSS and JS download
- 5) Sublime text typing

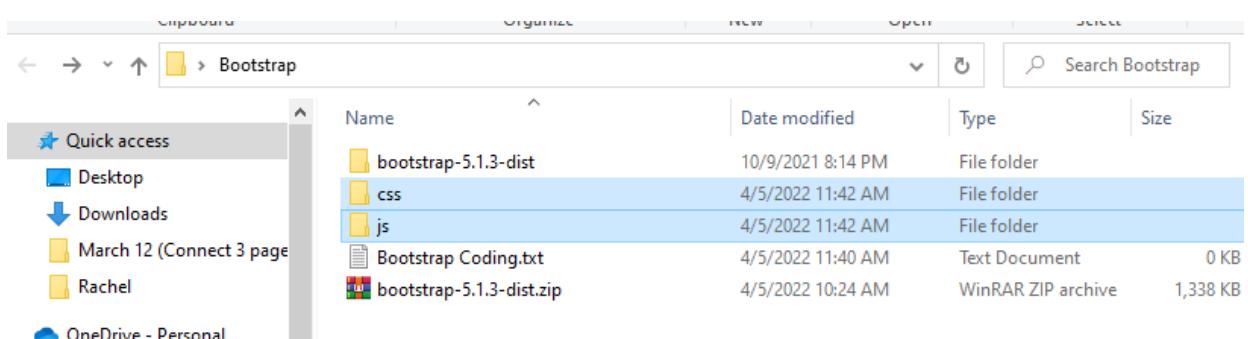
Download Bootstrap compile code of CSS and JS

1st STEP → <https://getbootstrap.com/docs/5.1/getting-started/download/>

Go to this website and download compile code of CSS and JS.

2nd STEP → Extract the zip file anywhere.

3rd STEP → Copy css and js 2 files to source coding area.



Sublime text Environment setup

- 1) Open Sublime Text
- 2) For Dark Theme :- Preferences → Select Themes → Default Dark
- 3) For HTML Language colors :- View → Syntax → Java → HTML (JSP)
- 4) For CSS file colors :- View → Syntax → CSS
- 5) To see folder locations :- View → Sidebar → Show Sidebar (Drag and Drop file into side bar to brows folder locations)

(when coding syntaxes press “Tab button” for quick suggestions)

Install Emmet

And also, we can install Emmet to Sublime text.

Emmet is a web-developer's toolkit for boosting HTML & CSS code writing.

Install the package manager, then type Command + Shift + P and type "Install", press Enter, type "Emmet" and press Enter again.

How simply CSS works

The diagram illustrates the process of linking an HTML file to a CSS file. On the left, an **HTML File** (Bootstrap Coding.html) contains the following code:

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title> Bootstrap Coding </title>
    <link rel = "stylesheet" href="Style.css">
</head>
<body>
    <h1 class="redText">Hello Bootstrap</h1>
</body>
</html>
```

On the right, a **CSS File** (Style.css) contains the following code:

```
.redText {
    color: red;
```

A blue arrow labeled "CSS file Linking Part" points from the `<link rel = "stylesheet" href="Style.css">` line in the HTML file to the **CSS File**. Another blue arrow labeled "CSS class link" points from the `color: red;` line in the CSS file back to the `class="redText"` declaration in the HTML file.

The screenshot shows the browser output of the linked CSS file. The page title is "Bootstrap Coding" and the content is "Hello Bootstrap". The text is colored red, indicating that the CSS styles have been applied successfully.

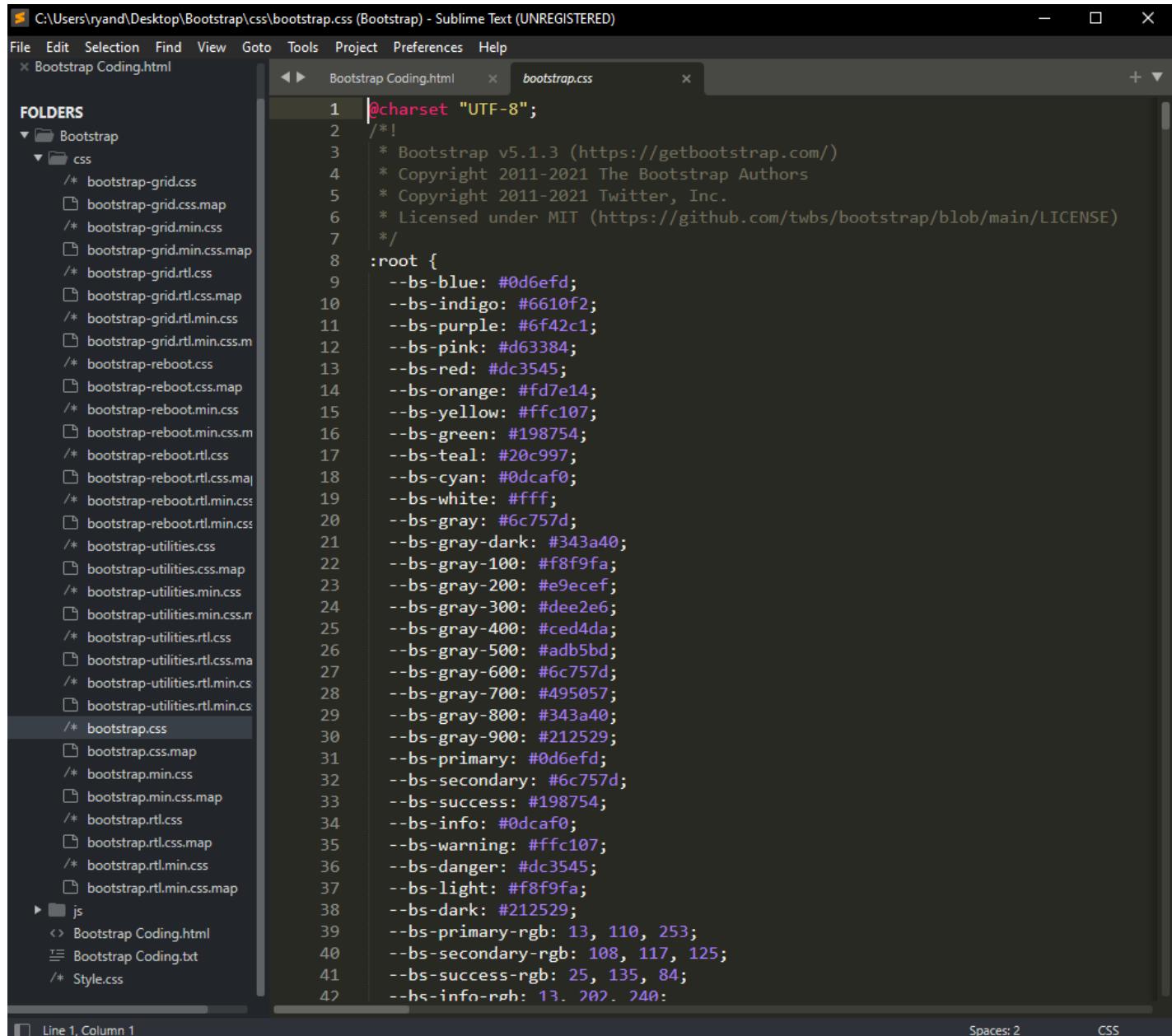
OUTPUT

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title> Bootstrap Coding </title>
    <link rel = "stylesheet" href="Style.css">
</head>
<body>
    <h1 class="redText">Hello Bootstrap</h1>
</body>
</html>
```

Bootstrap CSS Checking

Let's see how Bootstrap CSS how looks like

Go to downloaded files CSS → bootstrap.css



The screenshot shows the Sublime Text editor interface. The left sidebar displays a file tree with the following structure:

- Bootstrap
- css
 - bootstrap-grid.css
 - bootstrap-grid.css.map
 - bootstrap-grid.min.css
 - bootstrap-grid.min.css.map
 - bootstrap-grid rtl.css
 - bootstrap-grid rtl.css.map
 - bootstrap-grid rtl.min.css
 - bootstrap-grid rtl.min.css.map
 - bootstrap-reboot.css
 - bootstrap-reboot.css.map
 - bootstrap-reboot.min.css
 - bootstrap-reboot.min.css.map
 - bootstrap-reboot rtl.css
 - bootstrap-reboot rtl.css.map
 - bootstrap-reboot rtl.min.css
 - bootstrap-reboot rtl.min.css.map
 - bootstrap-utilities.css
 - bootstrap-utilities.css.map
 - bootstrap-utilities.min.css
 - bootstrap-utilities.min.css.map
 - bootstrap-utilities rtl.css
 - bootstrap-utilities rtl.css.map
 - bootstrap-utilities rtl.min.css
 - bootstrap-utilities rtl.min.css.map
 - bootstrap.css
 - bootstrap.css.map
 - bootstrap.min.css
 - bootstrap.min.css.map
 - bootstrap rtl.css
 - bootstrap rtl.css.map
 - bootstrap rtl.min.css
 - bootstrap rtl.min.css.map
- js
- Bootstrap Coding.html
- Bootstrap Coding.txt
- Style.css

The main editor area is titled "bootstrap.css" and contains the following code:

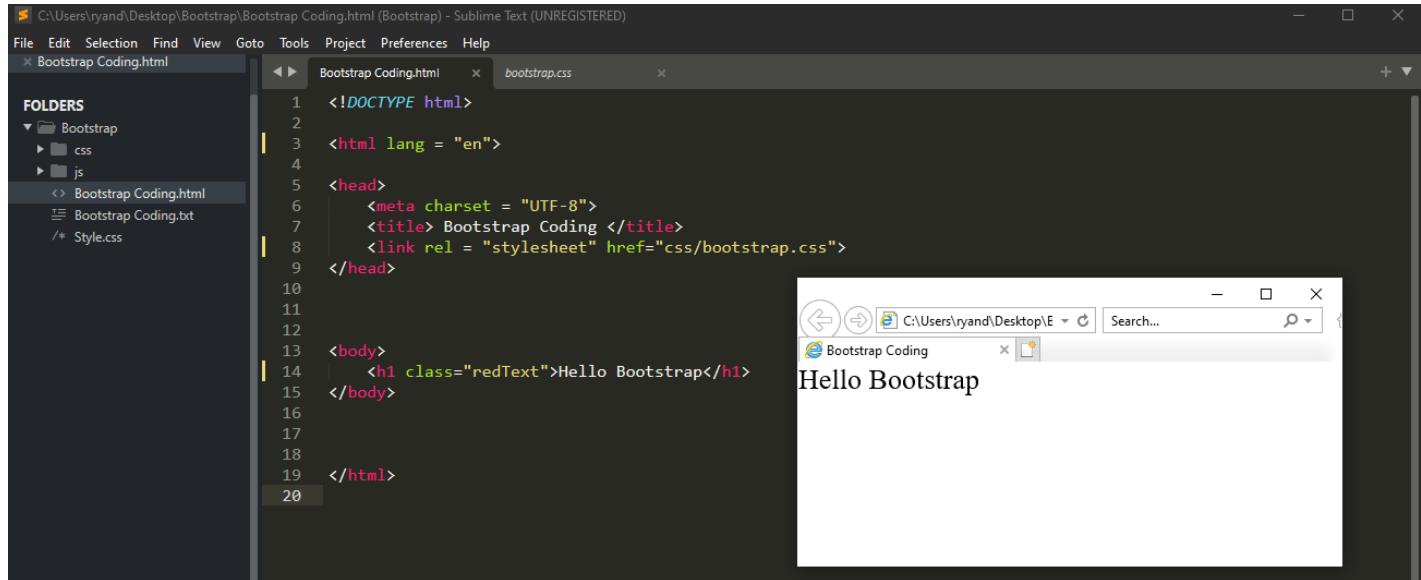
```
1 @charset "UTF-8";
2 /*! 
3 * Bootstrap v5.1.3 (https://getbootstrap.com/)
4 * Copyright 2011-2021 The Bootstrap Authors
5 * Copyright 2011-2021 Twitter, Inc.
6 * Licensed under MIT (https://github.com/twbs/bootstrap/blob/main/LICENSE)
7 */
8 :root {
9   --bs-blue: #0d6efd;
10  --bs-indigo: #6610f2;
11  --bs-purple: #6f42c1;
12  --bs-pink: #d63384;
13  --bs-red: #dc3545;
14  --bs-orange: #fd7e14;
15  --bs-yellow: #ffc107;
16  --bs-green: #198754;
17  --bs-teal: #20c997;
18  --bs-cyan: #0dcacf0;
19  --bs-white: #fff;
20  --bs-gray: #6c757d;
21  --bs-gray-dark: #343a40;
22  --bs-gray-100: #f8f9fa;
23  --bs-gray-200: #e9ecef;
24  --bs-gray-300: #dee2e6;
25  --bs-gray-400: #ced4da;
26  --bs-gray-500: #adb5bd;
27  --bs-gray-600: #6c757d;
28  --bs-gray-700: #495057;
29  --bs-gray-800: #343a40;
30  --bs-gray-900: #212529;
31  --bs-primary: #0d6efd;
32  --bs-secondary: #6c757d;
33  --bs-success: #198754;
34  --bs-info: #0dcacf0;
35  --bs-warning: #ffc107;
36  --bs-danger: #dc3545;
37  --bs-light: #f8f9fa;
38  --bs-dark: #212529;
39  --bs-primary-rgb: 13, 110, 253;
40  --bs-secondary-rgb: 108, 117, 125;
41  --bs-success-rgb: 25, 135, 84;
42  --bs-info-rgb: 13, 202, 240;
```

The status bar at the bottom shows "Line 1, Column 1" and "Spaces: 2".

Instead of css files let's link bootstrap.css file

Since the bootstrap files are in the same folder of source codes, we don't have to paste actual long pathway to that file.

Default bootstrap css files will be shown as output.



The screenshot shows the Sublime Text interface with two open files: 'Bootstrap Coding.html' and 'bootstrap.css'. The 'Bootstrap Coding.html' file contains the following code:

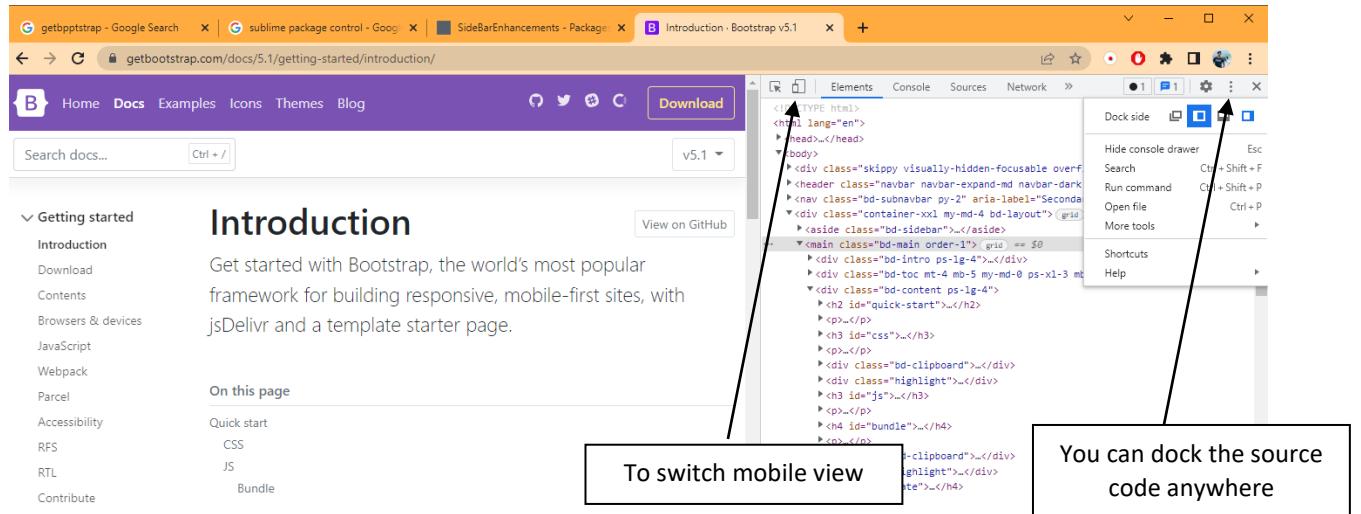
```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title> Bootstrap Coding </title>
    <link rel = "stylesheet" href="css/bootstrap.css">
</head>
<body>
    <h1 class="redText">Hello Bootstrap</h1>
</body>
</html>
```

The 'bootstrap.css' file is also visible in the sidebar. To the right, a browser window displays the rendered HTML with a red 'Hello Bootstrap' heading.

Responsive Web design and Containers

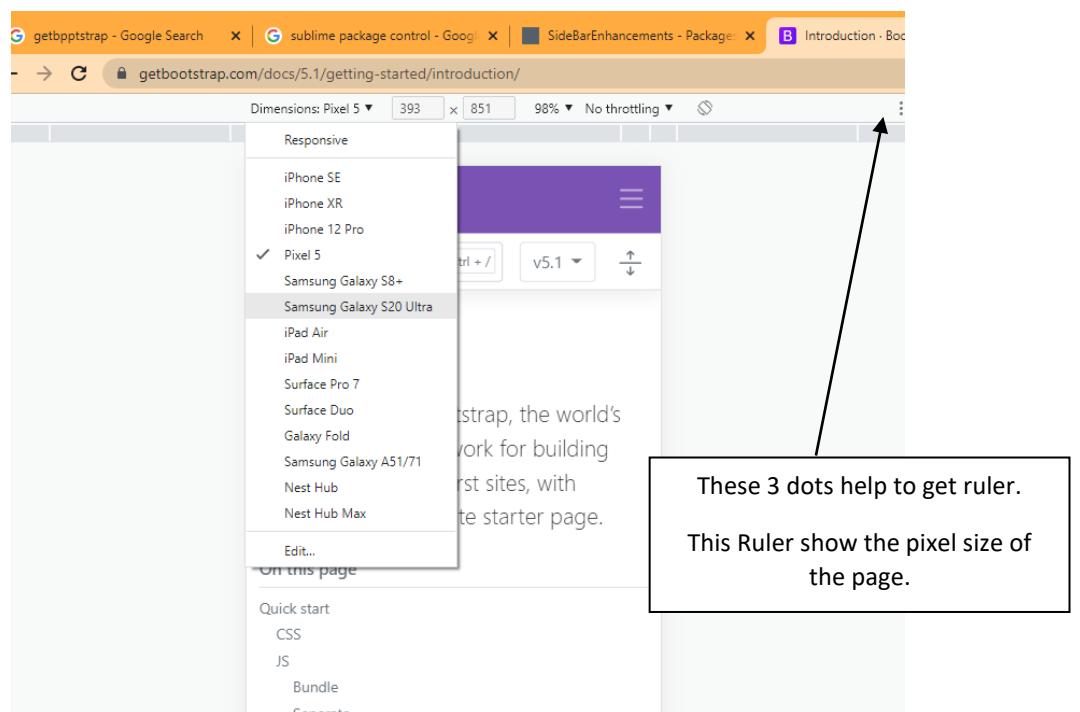
Inspect any webpage desktop and mobile view

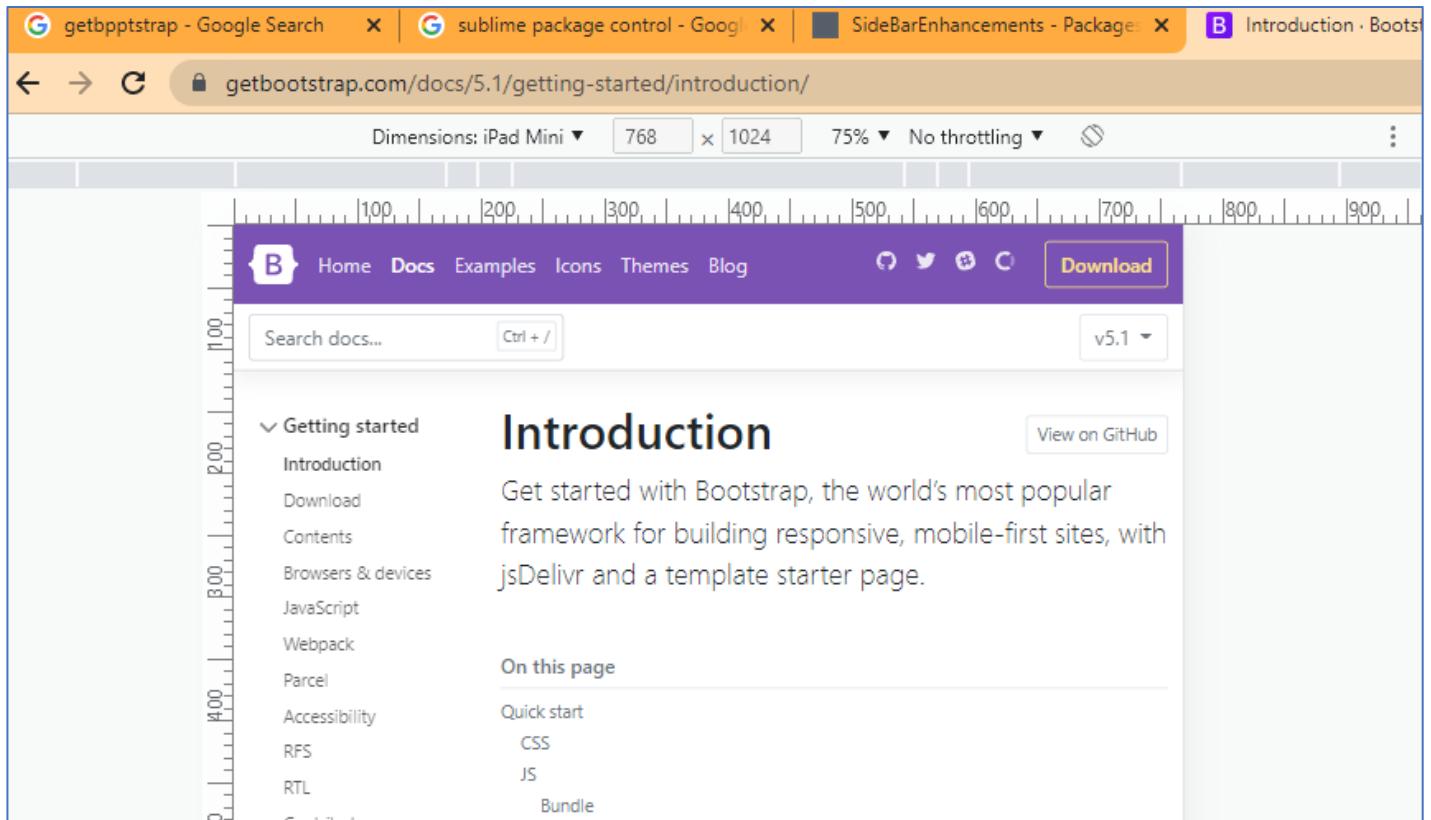
Bootstrap Webpage (You can take any page) → Right Click → Inspect



We can customize pixels and type of device.

According to that selection the page is responsive and wraps the content according to pixel size.





What is Responsive Website

Responsive web design (RWD) is a web development approach that creates dynamic changes to the appearance of a website, depending on the screen size and orientation of the device being used to view it.

If we use conventional coding to make responsive websites, it makes things much harder since require lot of coding.

Like this example in W3 schools, until the width 600 pixels, the page remain light blue. If the page width exceeds 600 pixels, it switch to default background color.

Change the background color of the <body> element to "lightblue" when the browser window is 600px wide or less:

```
@media only screen and (max-width: 600px) {  
  body {  
    background-color: lightblue;  
  }  
}
```

[Try it Yourself »](#)

Default Size color



Run >

Result Size: 706 x 770

Get your own website

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>
body {
    background-color: yellow;
}

@media only screen and (max-width: 600px) {
    body {
        background-color: lightblue;
    }
}
</style>
</head>
<body>

<h1>The @media Rule</h1>

<p>Resize the browser window. When the width of this document is 600 pixels or less, the background-color is "lightblue", otherwise it is "yellow".</p>

</body>
</html>
```

The @media Rule

Resize the browser window. When the width of this document is 600 pixels or less, the background-color is "lightblue", otherwise it is "yellow".

Below to 600px color



Run >

Result Size: 541 x 770

Get your own website

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>
body {
    background-color: yellow;
}

@media only screen and (max-width: 600px) {
    body {
        background-color: lightblue;
    }
}
</style>
</head>
<body>

<h1>The @media Rule</h1>

<p>Resize the browser window. When the width of this document is 600 pixels or less, the background-color is "lightblue", otherwise it is "yellow".</p>

</body>
</html>
```

The @media Rule

Resize the browser window. When the width of this document is 600 pixels or less, the background-color is "lightblue", otherwise it is "yellow".

Containers

Containers are a fundamental building block of Bootstrap that contain, pad, and align your content within a given device or viewport.

The “`.container`” class provides a responsive fixed width container.

The “`.container-fluid`” class provides a full width container, spanning the entire width of the viewport.



Make responsive websites

1st STEP → Go to Docs Tab in Bootstrap

A screenshot of a web browser showing the Bootstrap v5.1 documentation homepage. The URL in the address bar is "getbootstrap.com/docs/5.1/getting-started/introduction/". The page has a purple header with tabs for "Home", "Docs" (which is highlighted with a red arrow), "Examples", "Icons", "Themes", and "Blog". A search bar says "Search docs...". On the left, there's a sidebar with "Getting started" expanded, showing "Introduction" and "Download". The main content area has a title "Introduction" and a sub-section "Responsive meta tag". A "View on GitHub" button is in the top right. A "Bootstrap v5.1" dropdown is in the top right corner.

2nd STEP → Scroll down and copy this tag

A screenshot of the "Responsive meta tag" section of the Bootstrap documentation. The URL is "getbootstrap.com/docs/5.1/getting-started/introduction/#responsive-meta-tag". The page title is "Responsive meta tag". The content explains mobile first optimization and how to add a responsive viewport meta tag. A code snippet is shown: "`<meta name="viewport" content="width=device-width, initial-scale=1">`". A "Copy" button is next to the code. A note below says "You can see an example of this in action in the [starter template](#)". The sidebar on the left shows "Getting started" with "Introduction", "Download", "Contents", "Browsers & devices", "JavaScript", and "Webpack". The right sidebar lists "On this page" with "Quick start", "CSS", "JS", "Bundle", "Separate", "Modules", and "Components".

3rd STEP → Paste the meta tag in the head part.

Then in the body part should in the **div tag containers class**. The container class type is up to the developer preference.

OPEN FILES

Bootstrap Coding.html x bootstrap.css x

FOLDERS

Bootstrap

css

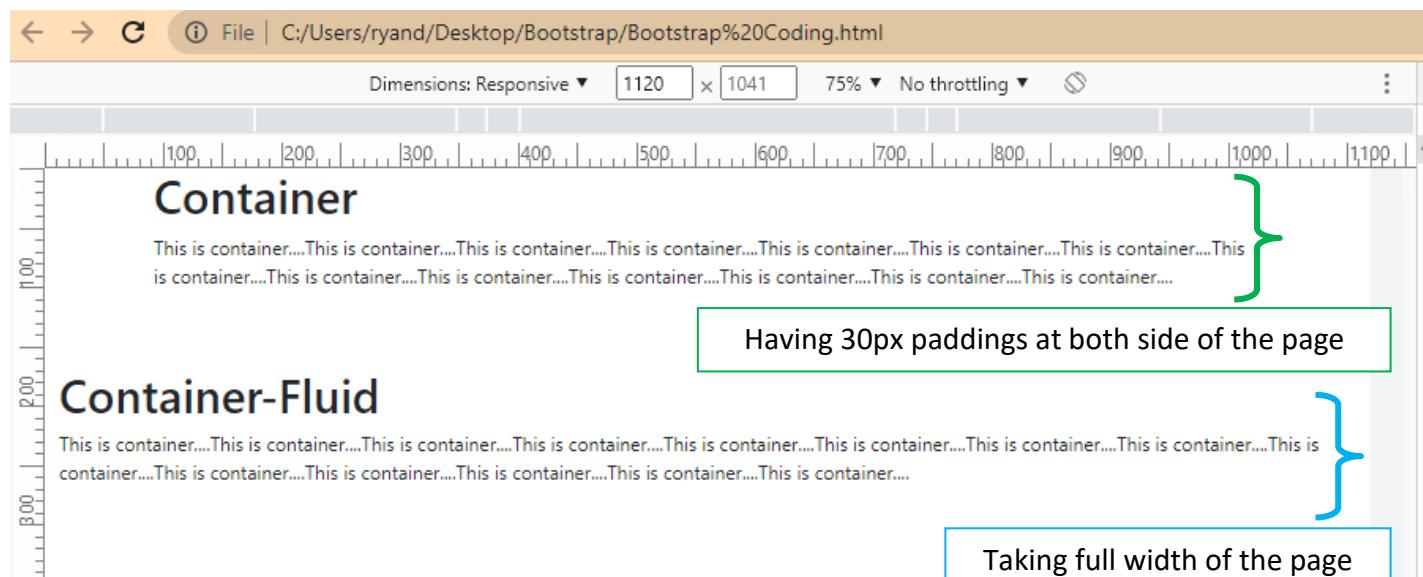
js

Bootstrap Coding.html

Bootstrap Coding.txt

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title> Bootstrap Coding </title>
    <link rel = "stylesheet" href="css/bootstrap.css">
</head>
<br>
<body>
    <div class="container">
        <h1>Container</h1>
        <p>This is container....This is container....</p>
    </div>
    <br><br>
    <div class="container-fluid">
        <h1>Container-Fluid</h1>
        <p>This is container....This is container....</p>
    </div>
</body>
</html>
```

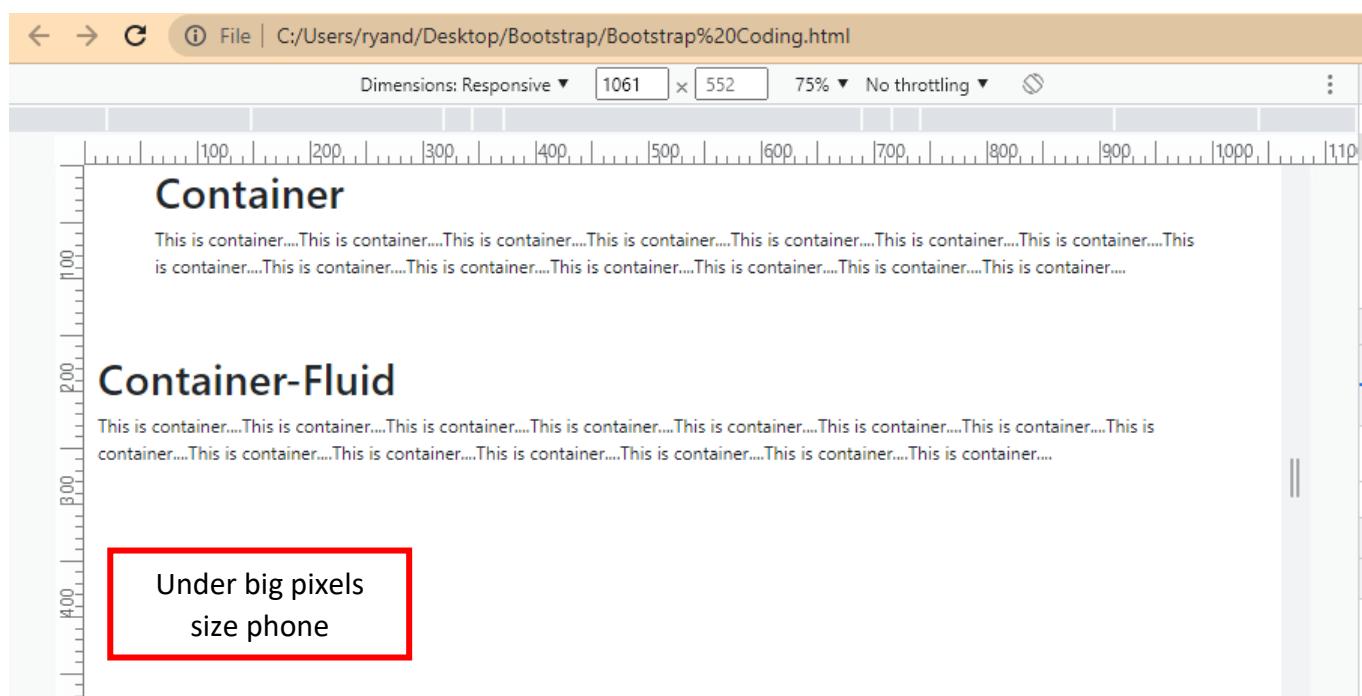
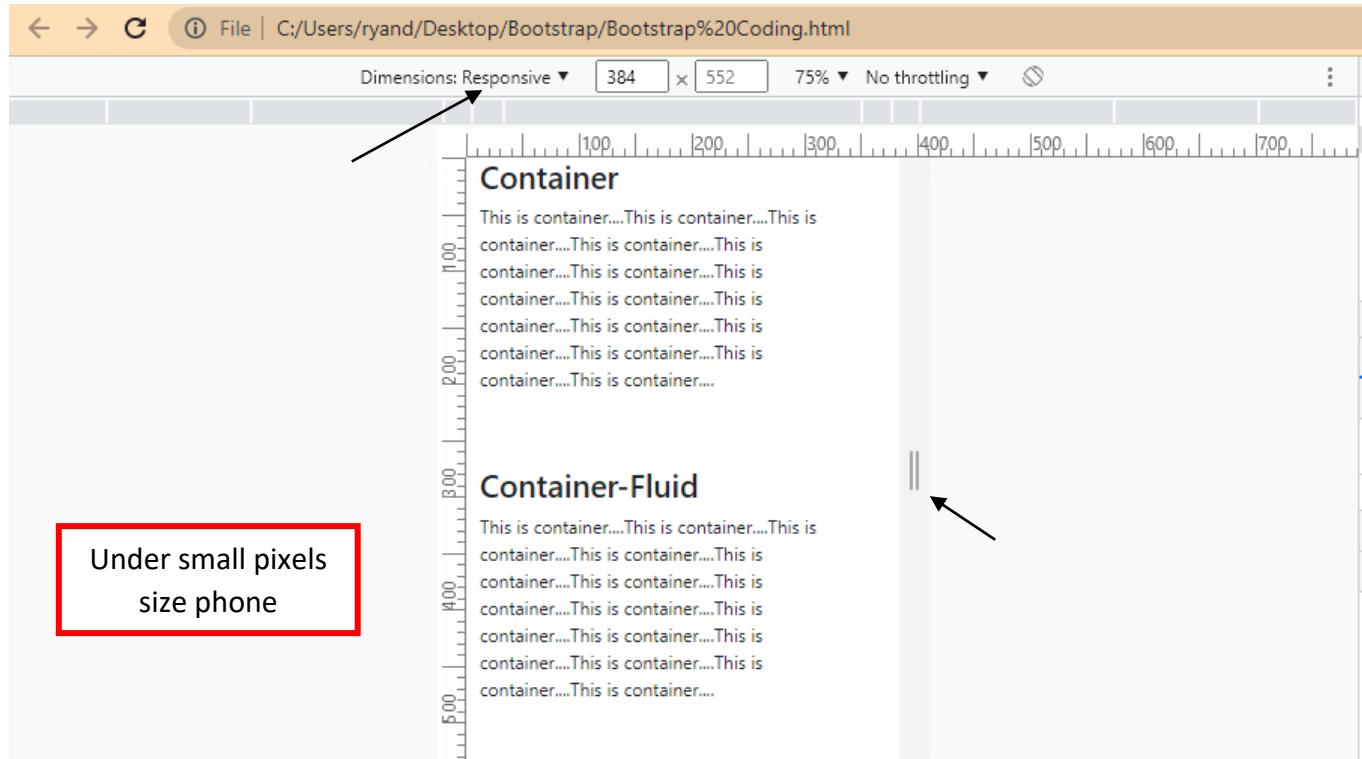
Responsive site
Responsive site
meta tag



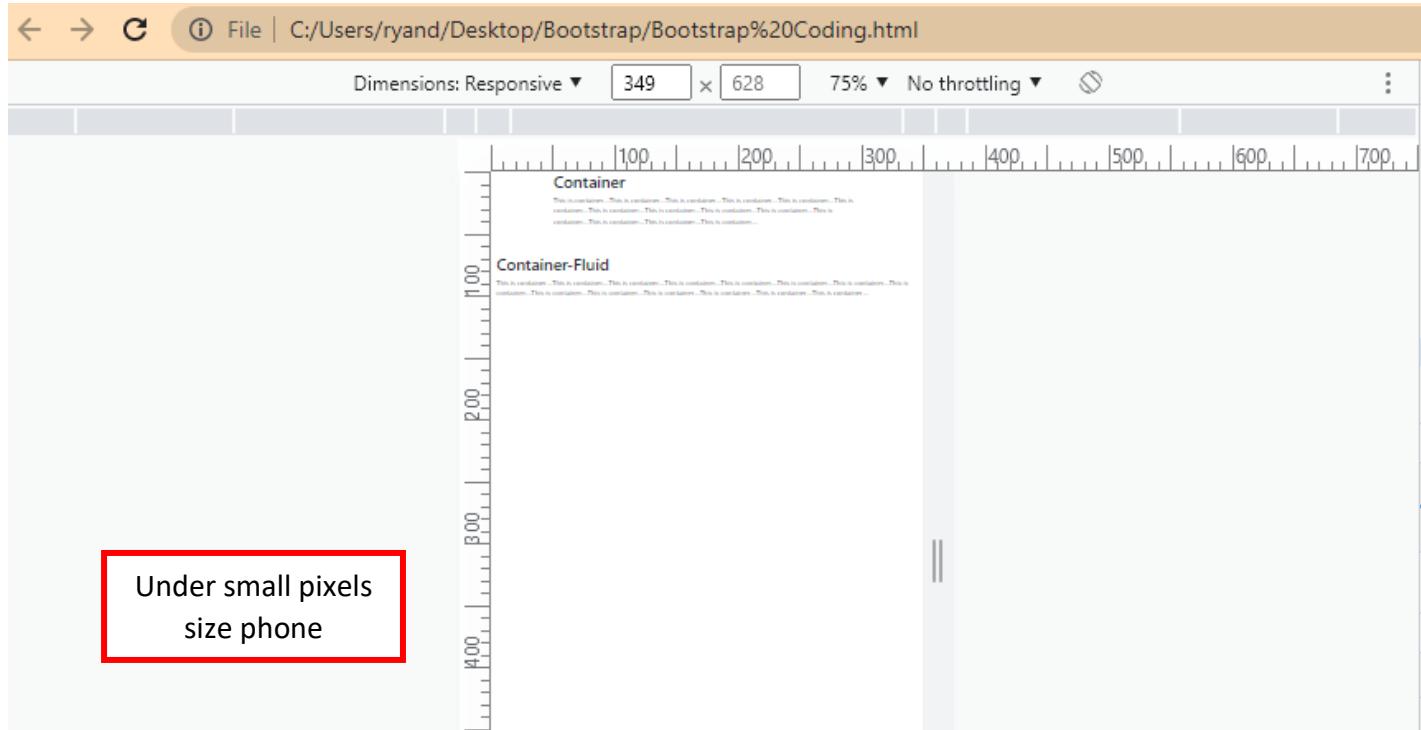
Check Responsiveness

With Responsive Tag

Save above coding as HTML file then open HTML file. Then inspect the webpage and switch to mobile view. Then change dimensions into Responsive. Then slide the right bar to change pixels according to preference.

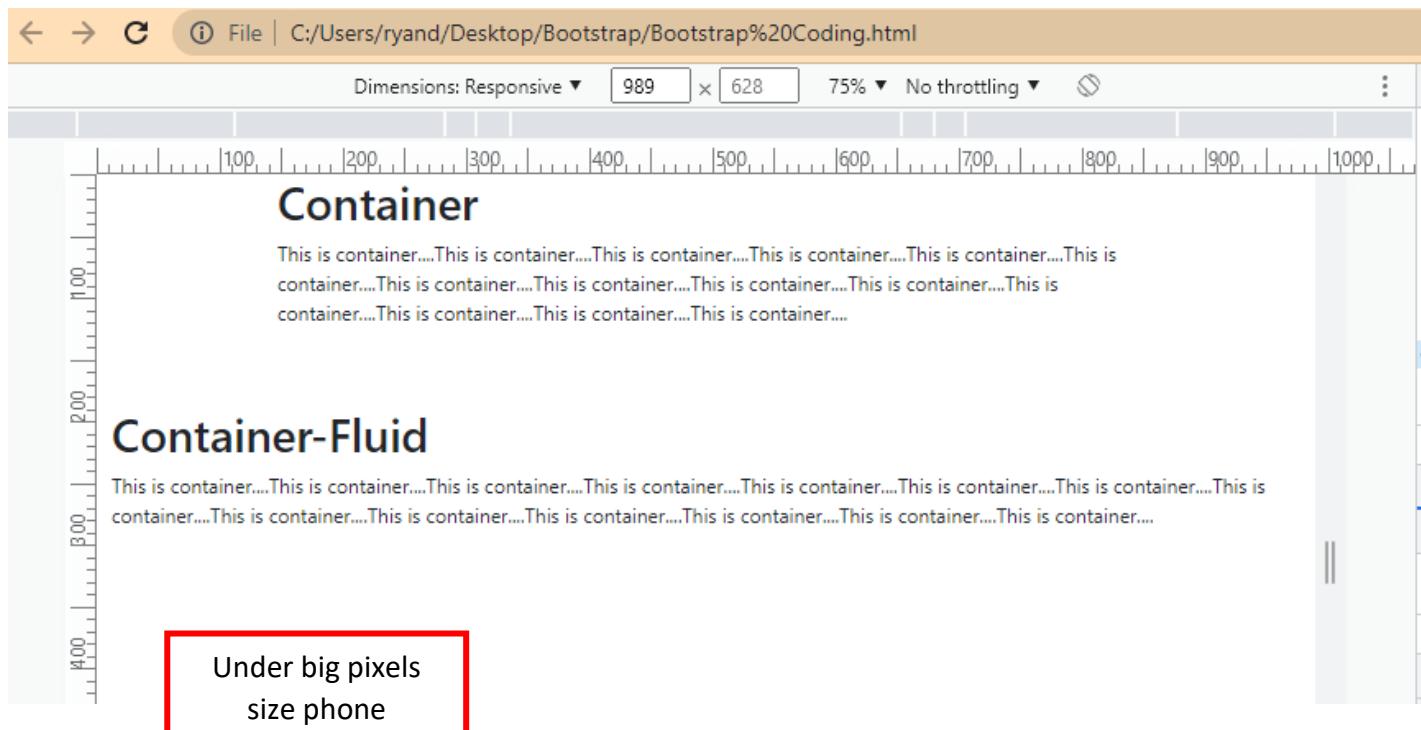


Without Responsive Tag



The text isn't just wrapping. Their size getting small.

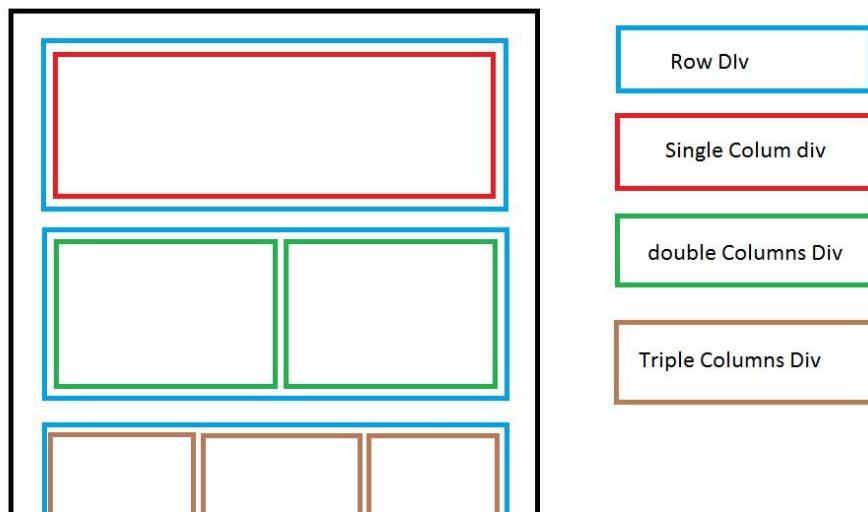
This is not what we want.



Bootstrap Rows and 12 Grid System

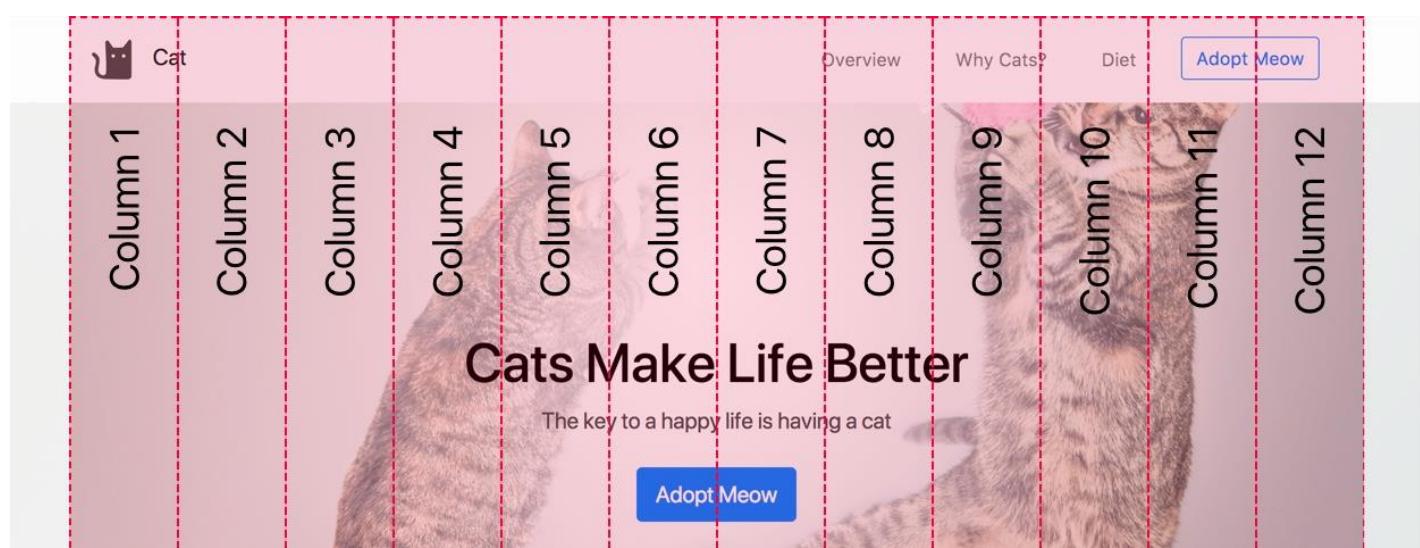
Introduction

Webpage is made with Rows and Columns (It is easier to organize web page contents)



“Web design 12 column grid” is the best design.

The 12-column grid is divided into portions that are 60 pixels wide.



Let's take an example.

If I want to display 3 photos in 1 row, I should divide 12 columns into 3.

Which means each 1 photo should expand in 4 columns.



If I want to display 4 photos in 1 row, I should divide 12 columns into 4.

Which means each 1 photo should expand in 3 columns.



Example 1

In this I've divided 1 row into 3 parts.

To divide into 3 parts, I've divided 12 columns into 4.

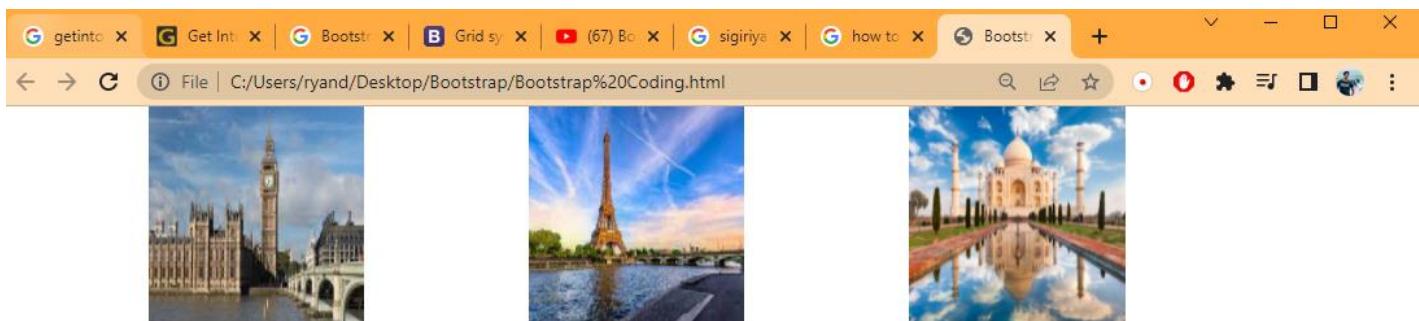
Which means each 1 photo should expand in 3 columns.

For each row Summation of columns should be 12

This means :- This picture is taking entire 4 columns

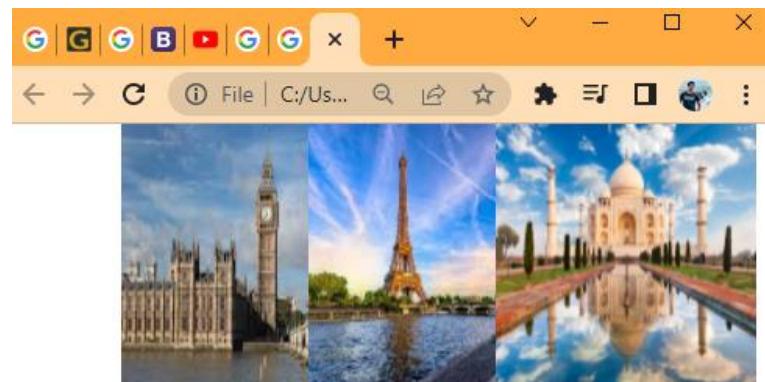
```
OPEN FILES Bootstrap Coding.html
FOLDERS
Bootstrap
css
images
Bigben.jfif
Paris Tower.jfif
Sigiriya.jfif
Taj Mahal.jpg
js
Bootstrap Coding.html
Bootstrap Coding.txt

Bootstrap Coding.html
1 <!DOCTYPE html>
2
3 <html lang = "en">
4
5 <head>
6     <meta charset = "UTF-8">
7     <meta name="viewport" content="width=device-width, initial-scale=1">
8
9     <title> Bootstrap Coding </title>
10    <link rel = "stylesheet" href="css/bootstrap.css">
11 </head>
12
13
14
15 <body>
16
17     <div class="container">
18         <div class="row">
19             <div class="col-4">
20                 
21             </div>
22
23             <div class="col-4">
24                 
25             </div>
26
27             <div class="col-4">
28                 
29             </div>
30
31         </div>
32     </div>
33
34
35
36
37     </body>
38
39
40 </html>
```



But there is a problem.

When I shrink down the pixel size extra smaller size (Like figure below), the photos getting mixed.



So, I want to decide photo numbers according to pixel size. Which means:

- extra small size set 1 photo
- small size set 2 photos
- medium size set 3 photos

So, Bootstrap has classified webpages sizes according to pixel sizes.

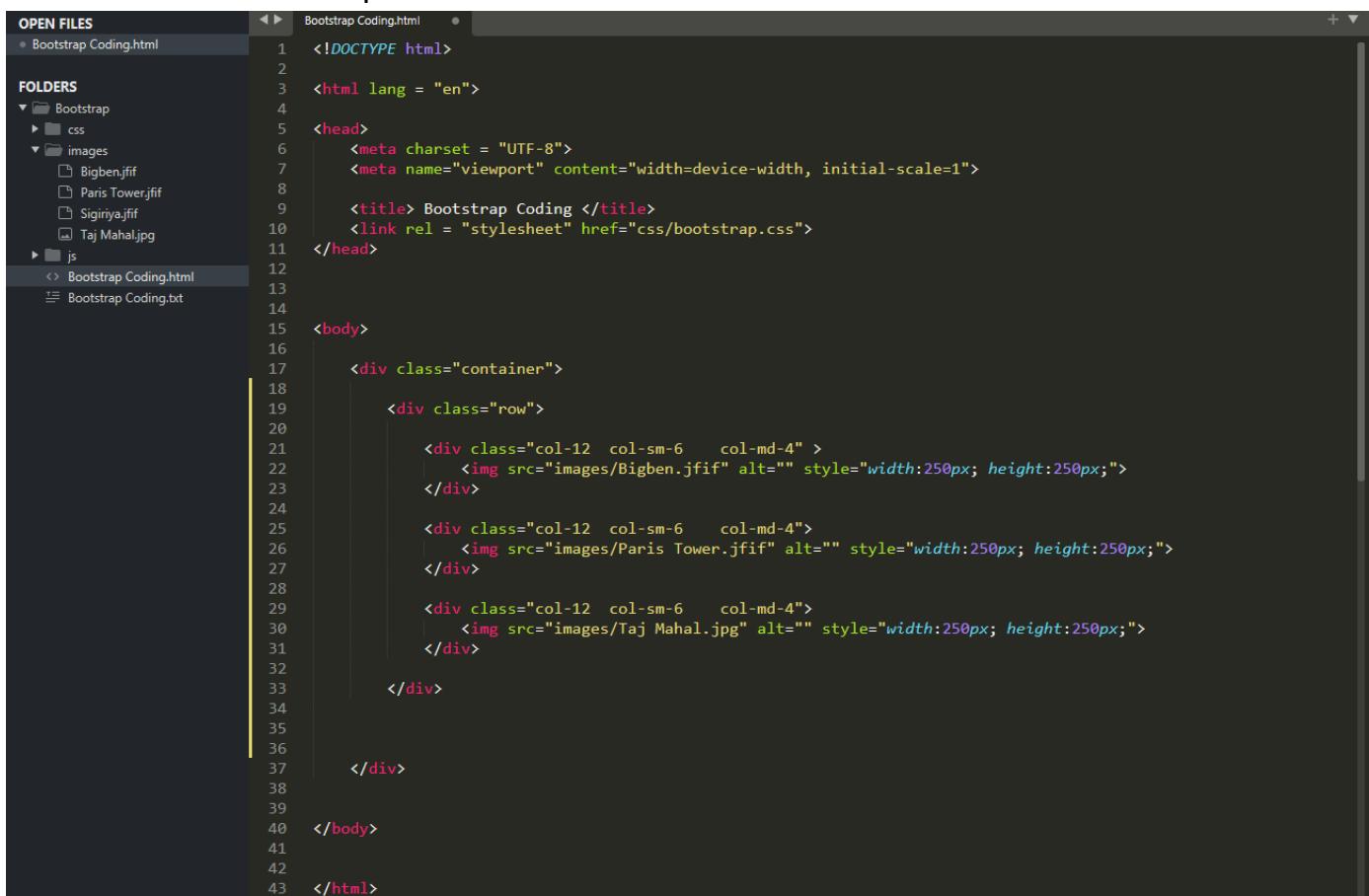
	Extra small $<576px$	Small $\geq 576px$	Medium $\geq 768px$	Large $\geq 992px$	Extra large $\geq 1200px$
Max container width	None (auto)	540px	720px	960px	1140px
Class prefix	.col-	.col-sm-	.col-md-	.col-lg-	.col-xl-}
# of columns	12				

Mind these syntaxes

Example 2

So, I want to decide photo numbers according to pixel size. Which means:

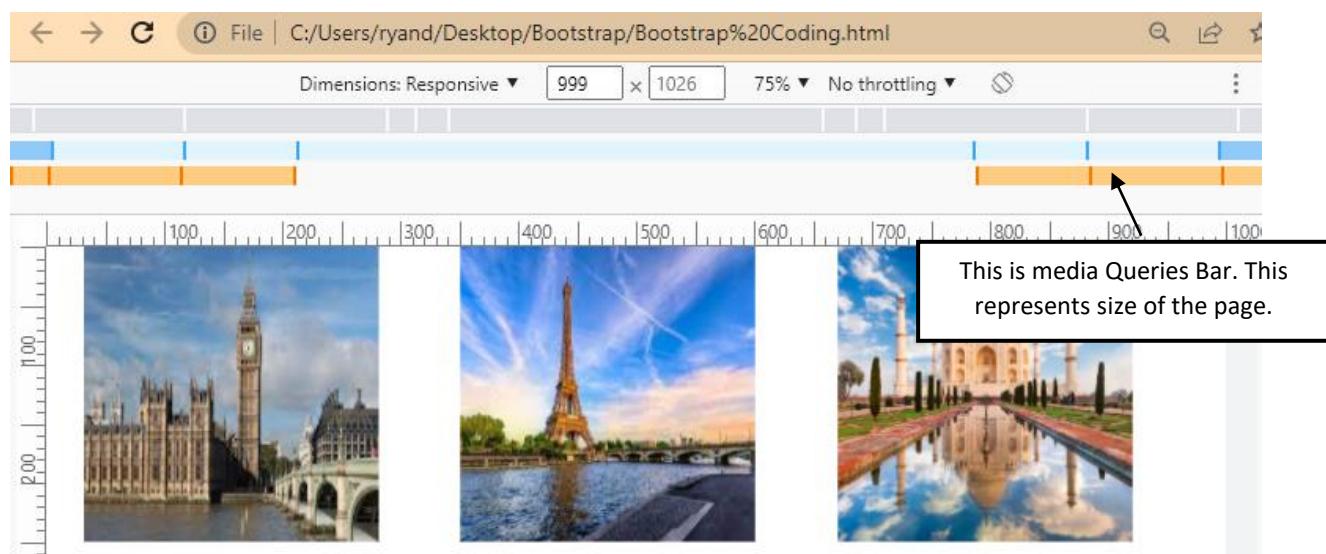
- extra small size set 1 photo
- small size set 2 photos
- medium size set 3 photos



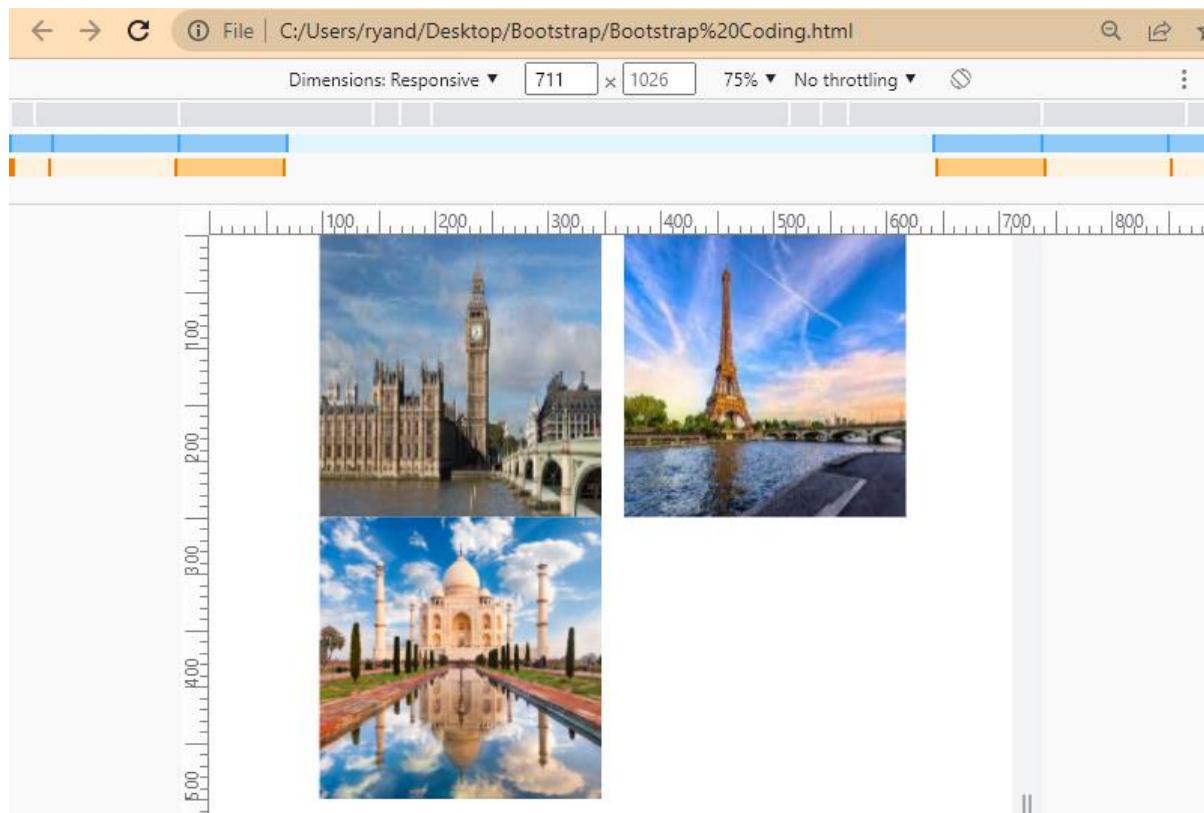
```
OPEN FILES Bootstrap Coding.html
FOLDERS
Bootstrap
css
images
Bigben.jfif
Paris Tower.jfif
Sigiriya.jfif
Taj Mahal.jpg
js
Bootstrap Coding.html
Bootstrap Coding.txt

Bootstrap Coding.html
1 <!DOCTYPE html>
2
3 <html lang = "en">
4
5 <head>
6   <meta charset = "UTF-8">
7   <meta name="viewport" content="width=device-width, initial-scale=1">
8
9   <title> Bootstrap Coding </title>
10  <link rel = "stylesheet" href="css/bootstrap.css">
11 </head>
12
13
14
15 <body>
16
17   <div class="container">
18
19     <div class="row">
20
21       <div class="col-12 col-sm-6 col-md-4">
22         
23       </div>
24
25       <div class="col-12 col-sm-6 col-md-4">
26         
27       </div>
28
29       <div class="col-12 col-sm-6 col-md-4">
30         
31       </div>
32
33     </div>
34
35
36
37   </div>
38
39
40 </body>
41
42
43 </html>
```

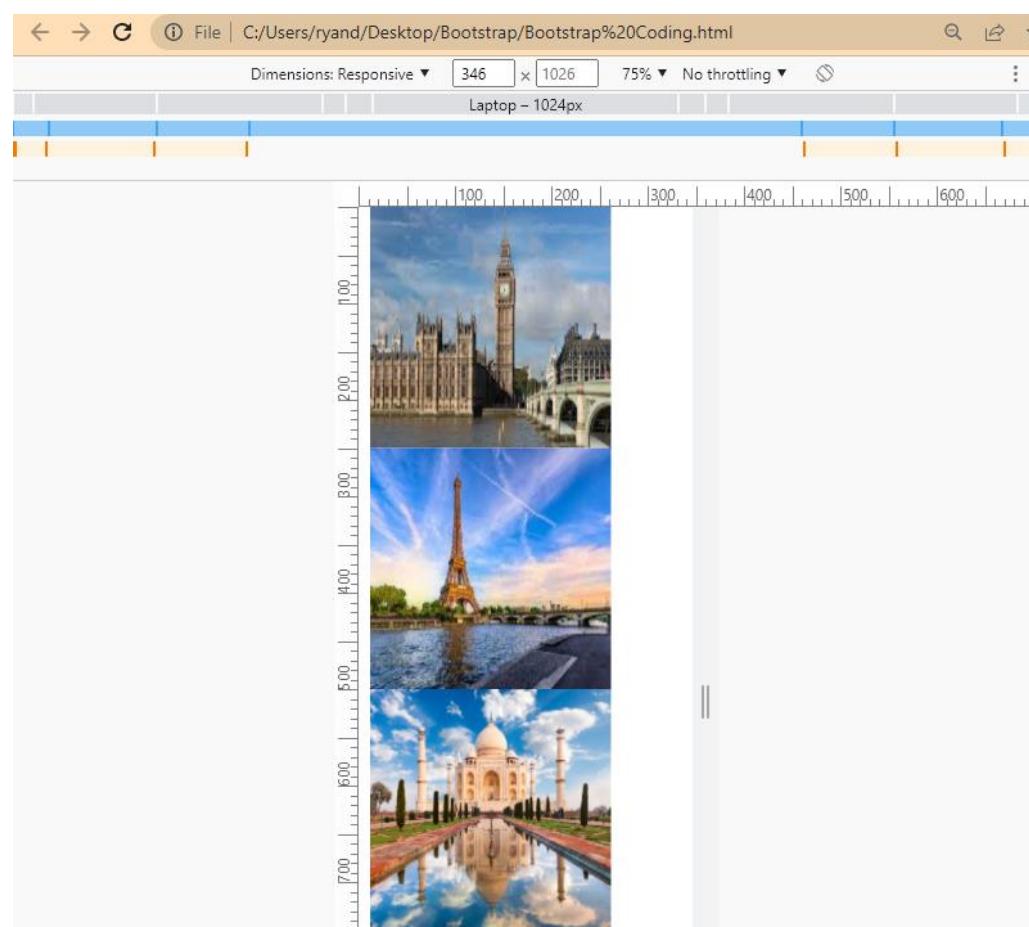
Medium Size → Each photo takes 4 columns (col-md-4)



Small Size → Each photo takes 6 columns (col-sm-6)



Extra Small Size → Each photo takes 12 columns (The entire row) (col-12)



Real Project 1

Desired output

← → ⌂ File | file:///C:/Users/Anu/Desktop/Bootstrap/Bootstrap%20Tutorial%2005/final.html

OUR DESTINATION

LETS GO..!

Berline	Toronto	Castle	Paris	Cathedral	Castle Tower
					
<p>Berline</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Expedita voluptas veritatis obcaecati autem nesciunt nemo, earum vitae dignissimos nihil, consequatur.</p>	<p>Toronto</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!</p>	<p>Castle</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!</p>	<p>Paris</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!</p>	<p>Cathedral</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!</p>	<p>Castle Tower</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!</p>

← → ⌂ File | file:///C:/Users/Anu/Desktop/Bootstrap/Bootstrap%20Tutorial%2005/final.html

Responsive 1205 x 588 90% Online

OUR DESTINATION

LETS GO..!

Berline	Toronto	Castle	Paris	Cathedral	Castle Tower
					
<p>Berline</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Expedita voluptas veritatis obcaecati autem nesciunt nemo, earum vitae dignissimos nihil, consequatur.</p>	<p>Toronto</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!</p>	<p>Castle</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!</p>	<p>Paris</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!</p>	<p>Cathedral</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!</p>	<p>Castle Tower</p> <p>Lore ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!</p>

Elements

```
<!DOCTYPE html>
<html lang="en">
  <head></head>
  <body></body>
</html>
```

html body

Styles Computed >>

Filter :hover .cls +

Console What's New X

Highlights from the Chrome 71 update

Hover over a Live Expression to highlight a DOM node

Hover over a result that evaluates to a node to highlight that node in the viewport.

Store DOM nodes as global variables

Right-click a node in the Elements panel or Console and select "Store as global variable".

Initiator and priority

File | file:///C:/Users/Anu/Desktop/Bootstrap/Bootstrap%20Tutorial%2005/final.html

Responsive 1080 x 530 100% Online

OUR DESTINATION

LETS GO..!

Berline



Lorem ipsum dolor sit amet, consectetur adipisicing elit. Expedita voluptas veritatis obcaecati autem nesciunt nemo, earum vitae dignissimos nihil,

Toronto



Lorem ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio,

Castle



Lorem ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio,

html body

Styles Computed >>

Filter :hover .cls +

Console What's New X

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Store DOM nodes as global variables Right-click a node in the Elements panel or Console and select "Store as global variable".

Initiator and priority

File | file:///C:/Users/Anu/Desktop/Bootstrap/Bootstrap%20Tutorial%2005/final.html

Responsive 949 x 530 100% Online

OUR DESTINATION

LETS GO..!

Berline



Lorem ipsum dolor sit amet, consectetur adipisicing elit. Expedita voluptas veritatis obcaecati autem nesciunt nemo, earum vitae dignissimos nihil,

Toronto



Lorem ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!

Castle



Lorem ipsum dolor sit amet, consectetur adipisicing elit. Autem eius perspiciatis libero excepturi aspernatur, vel numquam eveniet inventore odio, assumenda eligendi!

html body

Styles Computed >>

Filter :hover .cls +

Console What's New X

Highlights from the Chrome 71 update

Hover over a Live Expression to highlight a DOM node Hover over a result that evaluates to a node to highlight that node in the viewport.

Store DOM nodes as global variables Right-click a node in the Elements panel or Console and select "Store as global variable".

Initiator and priority

File | file:///C:/Users/Anu/Desktop/Bootstrap/Bootstrap%20Tutorial%2005/final.html

Responsive 623 x 530 100% Online

Elements

```
<!DOCTYPE html>
<html lang="en">
  <head></head>
  <body></body> == $0
</html>
```

OUR DESTINATION

LETS GO..!

Berline

Toronto





575.98px

(max-width: 767.98px)

Store DOM nodes as global variables

Right-click a node in the Elements panel or Console and select "Store as global variable".

Initiator and priority

File | file:///C:/Users/Anu/Desktop/Bootstrap/Bootstrap%20Tutorial%2005/final.html

Responsive 521 x 530 100% Online

Elements

```
<!DOCTYPE html>
<html lang="en">
  <head></head>
  <body></body> == $0
</html>
```

OUR DESTINATION

LETS GO..!

Berline



575.98px

(max-width: 575.98px)

Store DOM nodes as global variables

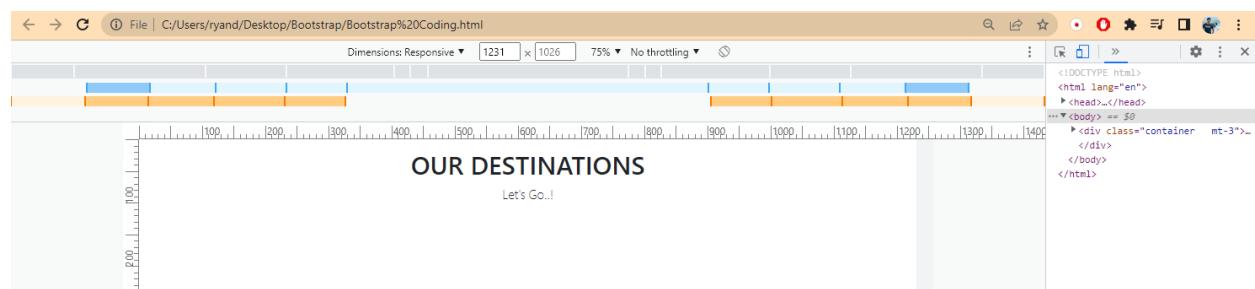
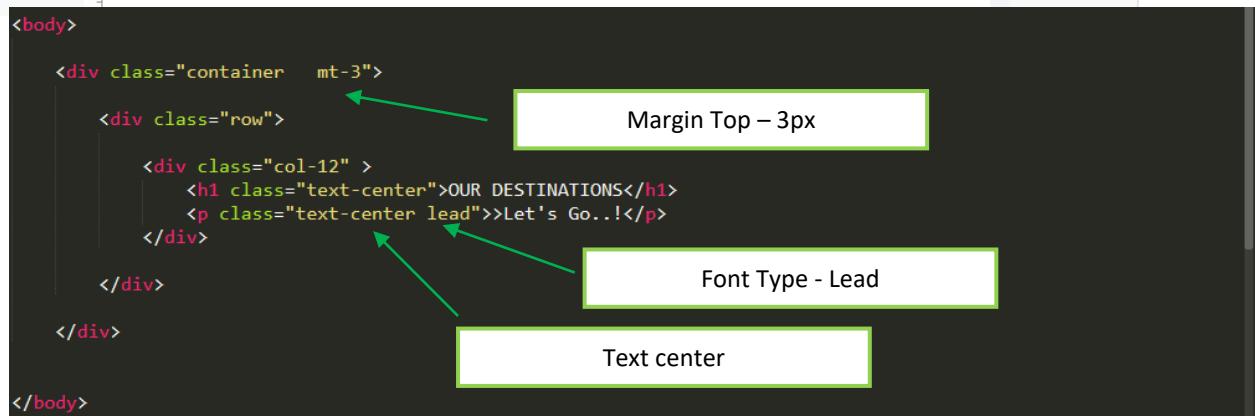
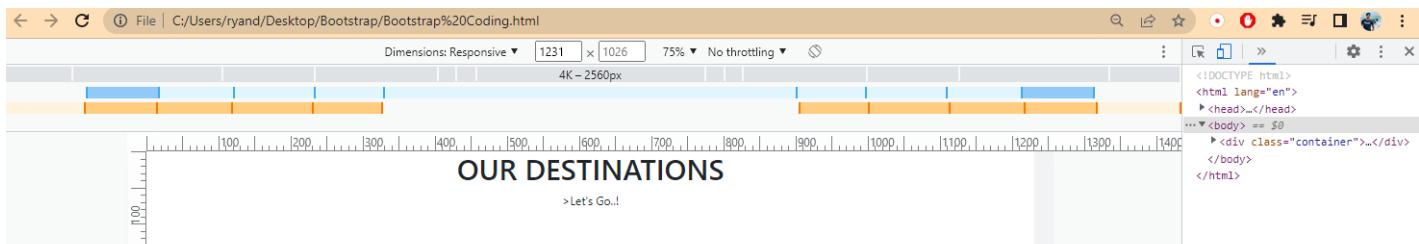
Right-click a node in the Elements panel or Console and select "Store as global variable".

Initiator and priority

Creating the project

Web Page Heading Part →

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title> Bootstrap Coding </title>
    <link rel = "stylesheet" href="css/bootstrap.css">
</head>
<body>
    <div class="container">
        <div class="row">
            <div class="col-12" >
                <h1 class="text-center">OUR DESTINATIONS</h1>
                <p class="text-center">>Let's Go..!</p>
            </div>
        </div>
    </div>
</body>
</html>
```



We need to design pages from extra small to Large.

Hence, let's starts from .col tag (extra small)

For 1 photo →

```
<body>

  <div class="container mt-3">

    <div class="row"<!-- //Row Header --&gt;
      &lt;div class="col-12" &gt;
        &lt;h1 class="text-center"&gt;OUR DESTINATIONS&lt;/h1&gt;
        &lt;p class="text-center lead"&gt;Let's Go..!&lt;/p&gt;
      &lt;/div&gt;
    &lt;/div&gt;

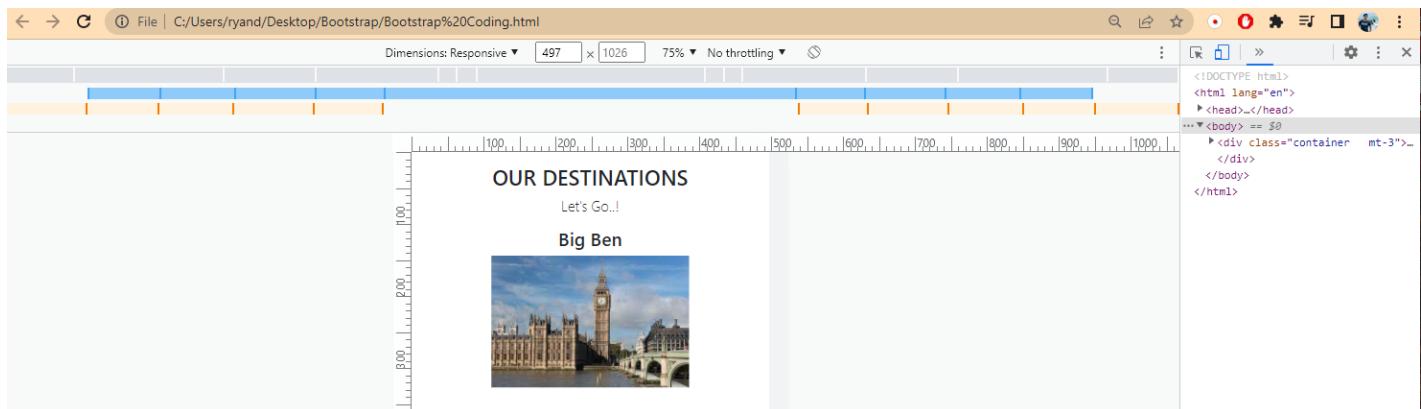
    &lt;div class="row"<!-- //Row Photos --&gt;
      &lt;div class="col-12" &gt;
        &lt;h2 class="text-center"&gt;Big Ben&lt;/h2&gt;
        &lt;img src="images/Bigben.jfif" class="mx-auto d-block img-fluid" alt="" style=""&gt;
        &lt;p class="text-center"&gt;Big Ben is a tower clock known for its accuracy and for its massive hour bell. The whole clock tower at the northern end of the Houses of Parliament, in the London borough of Westminster.&lt;/p&gt;
      &lt;/div&gt;
    &lt;/div&gt;

  &lt;/div&gt;

&lt;/body&gt;</pre>
```

Photo center

When photos collide, this class helps to having a invisible margin between them



For 6 photos →

Do the same things. Only change photo and description.

```
<body>
  <div class="container mt-3">
    <div class="row" > <!-- //Row Header -->
      <div class="col-12" >
        <h1 class="text-center">OUR DESTINATIONS</h1>
        <p class="text-center lead">Let's Go..!</p>
      </div>
    </div>

    <div class="row" > <!-- //Row Photos -->
      <div class="col-12" >
        <h2 class="text-center">Big Ben</h2>
        
        <p class="text-center">Big Ben is a tower clock known for its accuracy and for its massive hour bell. The whole clock tower at the northern end of the Houses of Parliament, in the London borough of Westminster.</p>
      </div>

      <div class="col-12" >
        <h2 class="text-center">Paris Tower</h2>
        
        <p class="text-center">The Eiffel Tower is a wrought iron tower that stands 1,063 ft (324 m) tall. It is currently the most famous symbol of Paris.</p>
      </div>

      <div class="col-12" >
        <h2 class="text-center">Sigiriya</h2>
        
        <p class="text-center">Sigiriya is an ancient rock fortress and palace built by King Kashyapa. It is located in the northern Matale district near the town of Dambulla in central province of Sri Lanka.</p>
      </div>

      <div class="col-12" >
        <h2 class="text-center">Taj Mahal</h2>
        
        <p class="text-center">The Taj Mahal is the jewel of Muslim art in India and one of the universally admired masterpieces of the world's heritage.</p>
      </div>

      <div class="col-12" >
        <h2 class="text-center">Great Wall</h2>
        
        <p class="text-center">The Great Wall of China is an ancient wall in China. The wall is made of cement, rocks, bricks, and dirt.</p>
      </div>

      <div class="col-12" >
        <h2 class="text-center">Disney Land</h2>
        
        <p class="text-center">Disneyland Park is a collection of adventures, rides, and shows symbolized by the Disney characters and Sleeping Beauty Castle.</p>
      </div>
    </div>
  </div>
</body>
```

```
<div class="row" > <!-- //Row Photos -->

  <div class="col-12 col-sm-6 col-md-4 col-lg-4 col-xl-2" >
    <h2 class="text-center">Big Ben</h2>
    
    <p class="text-center">Big Ben is a tower clock known for its accuracy and for its massive hour bell. The whole clock tower at the northern end of the Houses of Parliament, in the London borough of Westminster.</p>
  </div>
```

Now finally we can set column sizes for each photo.

For 1 photo →

Extra small size →

1 Photo consume

Small size →

2 Photos consume

Medium and large size →

3 Photos consume

Small size →

6 Photos consume

```
<div class="row">    <!-- //Row Photos -->
  <div class="col-12      col-sm-6      col-md-4      col-lg-4      col-xl-2">
    <h2 class="text-center">Big Ben</h2>
    
    <p class="text-center">Big Ben is a tower clock known for its accuracy and for its massive hour bell. The whole clock tower at the northern end of the Houses of Parliament, in the London borough of Westminster.</p>
  </div>
```

For 6 photos →

Copy paste column part to each photo

```
<div class="row">    <!-- //Row Photos -->
  <div class="col-12      col-sm-6      col-md-4      col-lg-4      col-xl-2">
    <h2 class="text-center">Big Ben</h2>
    
    <p class="text-center">Big Ben is a tower clock known for its accuracy and for its massive hour bell. The whole clock tower at the northern end of the Houses of Parliament, in the London borough of Westminster.</p>
  </div>

  <div class="col-12      col-sm-6      col-md-4      col-lg-4      col-xl-2">
    <h2 class="text-center">Paris Tower</h2>
    
    <p class="text-center">The Eiffel Tower is a wrought iron tower that stands 1,063 ft (324 m) tall. It is currently the most famous symbol of Paris.</p>
  </div>

  <div class="col-12      col-sm-6      col-md-4      col-lg-4      col-xl-2">
    <h2 class="text-center">Sigiriya</h2>
    
    <p class="text-center">Sigiriya is an ancient rock fortress and palace built by King Kashyapa. It is located in the northern Matale district near the town of Dambulla in central province of Sri Lanka.</p>
  </div>

  <div class="col-12      col-sm-6      col-md-4      col-lg-4      col-xl-2">
    <h2 class="text-center">Taj Mahal</h2>
    
    <p class="text-center">The Taj Mahal is the jewel of Muslim art in India and one of the universally admired masterpieces of the world's heritage.</p>
  </div>

  <div class="col-12      col-sm-6      col-md-4      col-lg-4      col-xl-2">
    <h2 class="text-center">Great Wall</h2>
    
    <p class="text-center">The Great Wall of China is an ancient wall in China. The wall is made of cement, rocks, bricks, and dirt.</p>
  </div>

  <div class="col-12      col-sm-6      col-md-4      col-lg-4      col-xl-2">
    <h2 class="text-center">Disney Land</h2>
    
    <p class="text-center">Disneyland Park is a collection of adventures, rides, and shows symbolized by the Disney characters and Sleeping Beauty Castle.</p>
  </div>
```

Coding

```
<!DOCTYPE html>

<html lang ="en">

<head>
    <meta charset ="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>
    <link rel ="stylesheet" href="css/bootstrap.css">
</head>

<body>

    <div class="container mt-3">

        <div class="row" >      <!-- //Row Header -->

            <div class="col-12" >
                <h1 class="text-center">OUR DESTINATIONS</h1>
                <p class="text-center lead">Let's Go...!</p>
            </div>

        </div>

        <div class="row" >      <!-- //Row Photos -->

            <div class="col-12 col-sm-6 col-md-4" >
                <h2 class="text-center">Big Ben</h2>
                
                <p class="text-center">Big Ben is a tower clock known for its accuracy and for its massive hour bell. The whole clock tower at the northern end of the Houses of Parliament, in the London borough of Westminster.</p>
            </div>

            <div class="col-12 col-sm-6 col-md-4" >
                <h2 class="text-center">Paris Tower</h2>
                
                <p class="text-center">The Eiffel Tower is a wrought iron tower that stands 1,063 ft (324 m) tall. It is currently the most famous symbol of Paris.</p>
            </div>

            <div class="col-12 col-sm-6 col-md-4" >
                <h2 class="text-center">Sigiriya</h2>
                
                <p class="text-center">Sigiriya is an ancient rock fortress and palace built by King Kashyapa. It is located in the northern Matale district near the town of Dambulla in central province of Sri Lanka.</p>
            </div>

    </div>

</body>
```

```

<div class="col-12" col-sm-6 col-md-4>
    <h2 class="text-center">Taj Mahal</h2>
    
        <p class="text-center">The Taj Mahal is the jewel of Muslim art in India and one of the universally admired masterpieces of the world's heritage.</p>
    </div>

    <div class="col-12" col-sm-6 col-md-4>
        <h2 class="text-center">Great Wall</h2>
        
            <p class="text-center">The Great Wall of China is an ancient wall in China. The wall is made of cement, rocks, bricks, and dirt.</p>
        </div>

        <div class="col-12" col-sm-6 col-md-4>
            <h2 class="text-center">Disney Land</h2>
            
                <p class="text-center">Disneyland Park is a collection of adventures, rides, and shows symbolized by the Disney characters and Sleeping Beauty Castle.</p>
            </div>
        </div>
    </div>

```

</body>

</html>

Tab button shortcuts

For example type “ div.row ” and double tap on tab button.

It will result below syntax

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

div.col
<div class="col"></div>

div.col-4
<div class="col-4"></div>
```

```
lorem
```

```
  Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
  tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
  quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo
  consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse
  cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non
  proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
```

```
!|
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
  initial-scale=1.0">
  <title>Document</title>
</head>
<body>
</body>
</html>

</body>
</html>
```

```
button.btn.btn-primary.btn-lg  
  
<button class="btn btn-primary btn-lg"></button>
```

```
.row.align-items-center.justify-content-between.bg-dark.text-light  
  
<div class="row align-items-center justify-content-between bg-dark text-light"></div>
```

Get updates and more templates from Bootstrap

To get updates of Bootstrap follow these steps

Getbootstrap.com → Documentation (Navigation Tab) → Components (Side Bar)

The screenshot shows a web browser displaying the Getbootstrap.com documentation for the 'Badges' component. The page has a purple header with navigation links like Home, Docs, Examples, Icons, Themes, and Blog, along with a 'Download' button. A search bar and a Bootstrap v5.1 dropdown are also present. On the left, a sidebar lists components such as Getting started, Customize, Layout, Content, Forms, and a detailed list under Components including Accordion, Alerts, Badge, Breadcrumb, Buttons, Button group, Card, Carousel, Close button, Collapse, Dropdowns, List group, Modal, Navs & tabs, Navbar, Offcanvas, Pagination, and Placeholders. The main content area features a large heading 'Badges' with a 'View on GitHub' button. Below it is a section titled 'Examples' with several heading examples (h1-h4) each followed by a 'New' badge. At the bottom, there is a code block showing the HTML and CSS for these badges, with a 'Copy' button.

getbootstrap.com/docs/5.1/components/badge/

Home Docs Examples Icons Themes Blog Download

Search docs... Ctrl + / Bootstrap v5.1

Getting started

Customize

Layout

Content

Forms

Components

- Accordion
- Alerts
- Badge
- Breadcrumb
- Buttons
- Button group
- Card
- Carousel
- Close button
- Collapse
- Dropdowns
- List group
- Modal
- Navs & tabs
- Navbar
- Offcanvas
- Pagination
- Placeholders

Badges

View on GitHub

Examples

Badges scale to match the size of the immediate parent element by using relative font sizing and `em` units. As of v5, badges no longer have focus or hover styles for links.

Headings

Example heading New

Example heading New

Example heading New

Example heading New

Example heading New

Example heading New

```
<h1>Example heading <span class="badge bg-secondary">New</span></h1>
<h2>Example heading <span class="badge bg-secondary">New</span></h2>
<h3>Example heading <span class="badge bg-secondary">New</span></h3>
<h4>Example heading <span class="badge bg-secondary">New</span></h4>
```

On this page

- Examples
- Headings
- Buttons
- Positioned
- Background colors
- Pill badges
- Sass
- Variables

Create Navigation Bar

Desired Output

Create Navigation Bar

The diagram illustrates the structure of the HTML code for a navigation bar. It shows the code in a code editor window titled "Navigation Bar Coding.html". The code includes the DOCTYPE declaration, HTML opening tag, head section with meta charset and viewport tags, title "Bootstrap Coding", and link to "bootstrap.css". The body section contains a navigation bar tag with a brand element containing the text "MILO". The code editor has several annotations:

- A box labeled "Navigation Bar TAG" surrounds the entire `<nav>` tag.
- A box labeled "Theme" surrounds the class names `navbar-dark` and `bg-dark`.
- A box labeled "Background Color" surrounds the class name `bg-dark`.
- An arrow points from the "Navigation Bar TAG" box to the `<nav>` tag in the code.
- An arrow points from the "Theme" box to the `navbar-dark` class.
- An arrow points from the "Background Color" box to the `bg-dark` class.
- An arrow points from the "Navigation Bar TAG" box to the `MILO` text inside the anchor tag.
- A box labeled "Anchor TAG for site Logo" surrounds the entire `<a>` tag.

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title> Bootstrap Coding </title>
    <link rel = "stylesheet" href="css/bootstrap.css">
</head>
<body>
    <nav class="navbar navbar-dark bg-dark">
        <a href="" class="navbar-brand"> MILO </a>
    </nav>
</body>
</html>
```

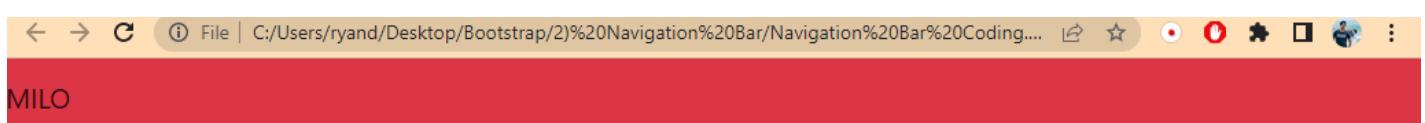
Other Customizations

When theme is light, fonts getting dark

```
<body>
  ...
  <nav class="navbar navbar-light bg-light">
    <a href="" class="navbar-brand"> MILO </a>
  </nav>
```



```
<body>
  ...
  <nav class="navbar navbar-light bg-danger">
    <a href="" class="navbar-brand"> MILO </a>
  </nav>
```



```
<body>
  ...
  <nav class="navbar navbar-light bg-success">
    <a href="" class="navbar-brand"> MILO </a>
  </nav>
```



Navigation Bar Links

Nav Bar content create

```
<body>

  <nav class="navbar navbar-dark bg-dark">
    <a href="" class="navbar-brand"> MILO </a>

    <ul class="navbar-nav">
      <li class="nav-item"> <a href=""> Home </a> </li>
    </ul>

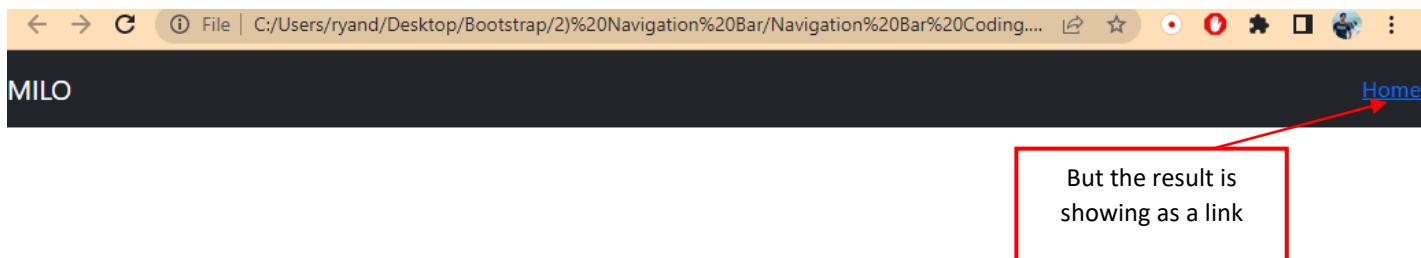
  </nav>
</body>
```

Telling to Nav Bar that I'm going to put my links in here.

This list item work as Nav Bar Item

Page Link

Unordered List TAG



Let's resolve above problem.

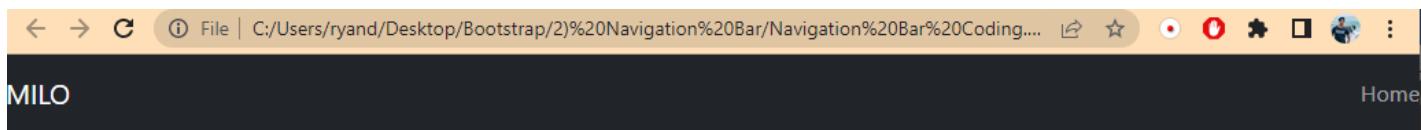
```
<body>

  <nav class="navbar navbar-dark bg-dark">
    <a href="" class="navbar-brand"> MILO </a>

    <ul class="navbar-nav">
      <li class="nav-item"> <a href="" class="nav-link"> Home </a> </li>
    </ul>

  </nav>
</body>
```

Add this class to show this as a Nav Bar item



Let's add some more links to Nav Bar

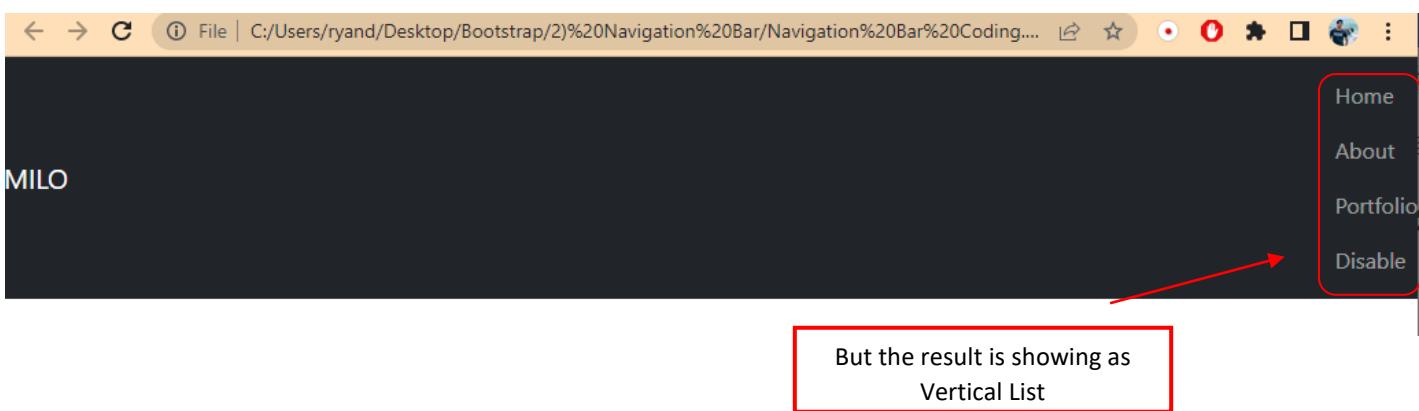
```
<body>

  <nav class="navbar navbar-dark bg-dark">
    <a href="" class="navbar-brand"> MILO </a>

    <ul class="navbar-nav">
      <li class="nav-item"> <a href="" class="nav-link"> Home </a> </li>
      <li class="nav-item"> <a href="" class="nav-link"> About </a> </li>
      <li class="nav-item"> <a href="" class="nav-link"> Portfolio </a> </li>
      <li class="nav-item"> <a href="" class="nav-link"> Disable </a> </li>
    </ul>

  </nav>

</body>
```



Too see what happened inside let's inspect the tag.

This is a bootstrap default coding. This given as column. But we need it as rows.

See I told u!!!

The screenshot shows the Chrome DevTools interface with the 'Elements' tab selected. The left pane displays the HTML code for a navbar. The right pane shows the 'Styles' panel with the CSS rule for `.navbar-nav` highlighted. The rule includes `display: flex;`, `flex-direction: column;`, `padding-left: 0;`, `margin-bottom: 0;`, and `list-style-type: none;`. A red arrow points from the 'Elements' tab to the 'Styles' panel.

This is not an error of bootstrap. Bootstrap is created as mobile 1st approach.

So, if we need to see this in desktop as a Row, we need to add some classes to make this responsive.

The screenshot shows the Bootstrap navbar code. A green box highlights the `<div>` tag under the `collapse` class. A callout box contains the text: "These classes make list items Horizontal". Another callout box contains the text: "These List items should show until page it small. If page gets extra small, should show a toggle button to make this page responsive and save space of the Nav Bar".

The screenshot shows a browser window displaying the navbar. A red arrow points from the browser window to a red box containing the text: "But Nothing Shows."

enough to show list items when shrink down page size, we have to make a Toggle button.

```
<body>

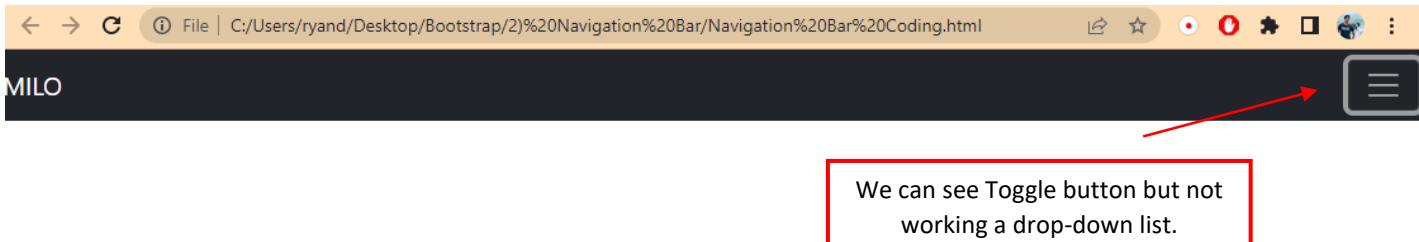
  <nav class="navbar navbar-dark bg-dark navbar-expand-m">
    <a href="" class="navbar-brand"> MILO </a>

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

    <div class="collapse navbar-collapse">
      <ul class="navbar-nav">
        <li class="nav-item"> <a href="" class="nav-link"> Home </a> </li>
        <li class="nav-item"> <a href="" class="nav-link"> About </a> </li>
        <li class="nav-item"> <a href="" class="nav-link"> Portfolio </a> </li>
        <li class="nav-item"> <a href="" class="nav-link"> Disable </a> </li>
      </ul>
    </div>
  </nav>
</body>
```

Button is toggler.
(When click this, item list is shown as drop-down button.)

But the toggle button icon is made by this class



Connect JS Files

Since Toggle icon is not working, we have to add more attributes to this.

- 1) Since this part is related to Java Script (Dropping Down the List is related to JS), we need to connect Bootstrap JS file. And since Bootstrap is made by J-Query technology we need to connect J- Query also. And we need Popper.js files also.
- 2) Add Data Toggle attribute then Target the Data we want to drop down.

Connecting Jquery.js, Popper.js and bootstrap.js files

1st STEP → Go to all versions

A screenshot of a web browser displaying the Bootstrap v5.1 documentation at getbootstrap.com/docs/5.1/getting-started/introduction/. The page title is "Introduction". On the right side, there is a dropdown menu titled "Bootstrap v5.1" which is currently set to "Latest (5.1.x)". A red arrow points to the "All versions" option in the dropdown menu.

Then go to 4.2 version then go to docs of that version web page

2nd STEP → Go to Docs Tab then Copy the Jquery.js, Popper.js and bootstrap.js script tags.

A screenshot of a web browser displaying the Bootstrap v4.2 documentation at getbootstrap.com/docs/4.2/getting-started/introduction/. The page title is "JS". On the left, there is a sidebar with a "Documentation" tab highlighted by a red arrow. In the main content area, there is a code block containing three script tags:

```
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT7abK4" type="text/javascript">
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.6/dist/umd/popper.min.js" integrity="sha384-wfuO3B1QF8Pj4dI9NL6Ag2yN1Z1AtVn5445PfD21eJZ5" type="text/javascript">
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.2.1/dist/js/bootstrap.min.js" integrity="sha384-bkul3zZJU9ZlCkzY" type="text/javascript">
```

A red arrow points to a "Copy" button located at the top right of the code block.

3rd STEP → Paste the meta tag at the end of the body part.

```

Navigation Bar Coding.html
1  <!DOCTYPE html>
2
3  <html lang = "en">
4
5  <head>
6
7      |!-- Required meta tags -->
8      <meta charset = "UTF-8">
9      <meta name="viewport" content="width=device-width, initial-scale=1">
10
11     <title> Bootstrap Coding </title>
12
13     |!-- Bootstrap CSS -->
14     <link rel = "stylesheet" href="css/bootstrap.css">
15
16 </head>
17
18
19
20 <body>
21
22     <nav class="navbar    navbar-dark    bg-dark    navbar-expand-sm">
23         <a href="" class="navbar-brand"> MILO </a>
24
25         <button class="navbar-toggler" data-toggle="collapse" data-target="#ccsl" > <span class="navbar-toggler-icon"></span> </button>
26
27         <div class="collapse    navbar-collapse" id="ccsl">
28
29             <ul class="navbar-nav">
30                 <li class="nav-item"> <a href="" class="nav-link"> Home </a> </li>
31                 <li class="nav-item"> <a href="" class="nav-link"> About </a> </li>
32                 <li class="nav-item m"> <a href="" class="nav-link"> Portfolio </a> </li>
33                 <li class="nav-item"> <a href="" class="nav-link"> Disable </a> </li>
34             </ul>
35
36         </div>
37
38     </nav>
39
40     |!-- Optional JavaScript -->
41     |-- jQuery first, then Popper.js, then Bootstrap JS -->
42     <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abTE1Pi6jizo" crossorigin="anonymous"></script>
43
44     <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.6/dist/umd/popper.min.js" integrity="sha384-wHAIfRlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WhdZYuihA6ZObtgt" crossorigin="anonymous"></script>
45
46     <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.2.1/dist/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymous"></script>
47
48
49
50 </body>
51
52
53 </html>
54

```

Add Data Toggle attribute then Target the Data we want to drop down

```

<body>
<nav class="navbar    navbar-dark    bg-dark    navbar-expand-sm">
    <a href="" class="navbar-brand"> MILO </a>
    <button class="navbar-toggler" data-toggle="collapse" data-target="#Ryan" > <span class="navbar-toggler-icon"></span> </button>
    <div class="collapse    navbar-collapse" id="Ryan"> <!-- Red arrow points here -->
        <ul class="navbar-nav">
            <li class="nav-item"> <a href="" class="nav-link"> Home </a> </li>
            <li class="nav-item"> <a href="" class="nav-link"> About </a> </li>
            <li class="nav-item m"> <a href="" class="nav-link"> Portfolio </a> </li>
            <li class="nav-item"> <a href="" class="nav-link"> Disable </a> </li>
        </ul>
    </div>
</nav>

|!-- Optional JavaScript -->
|-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abTE1Pi6jizo" crossorigin="anonymous"></script>

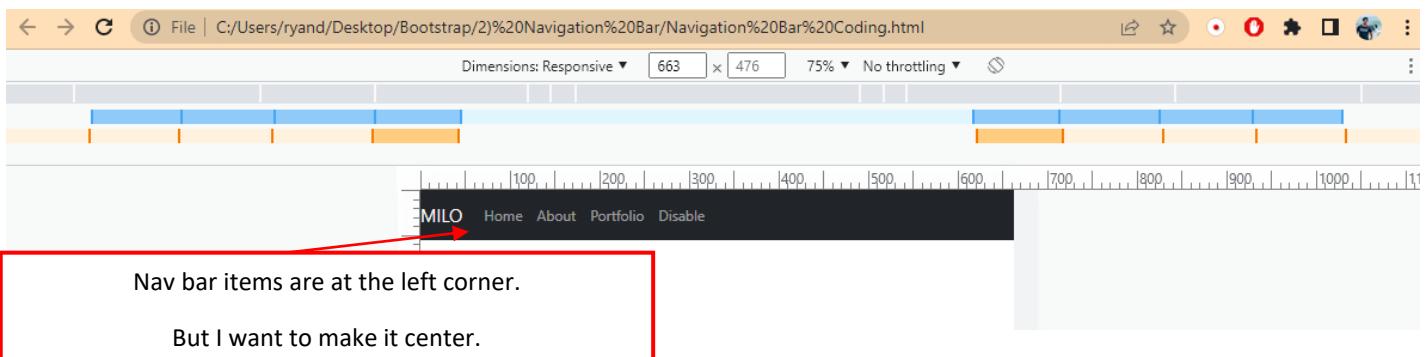
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.6/dist/umd/popper.min.js" integrity="sha384-wHAIfRlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WhdZYuihA6ZObtgt" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.2.1/dist/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymous"></script>

</body>

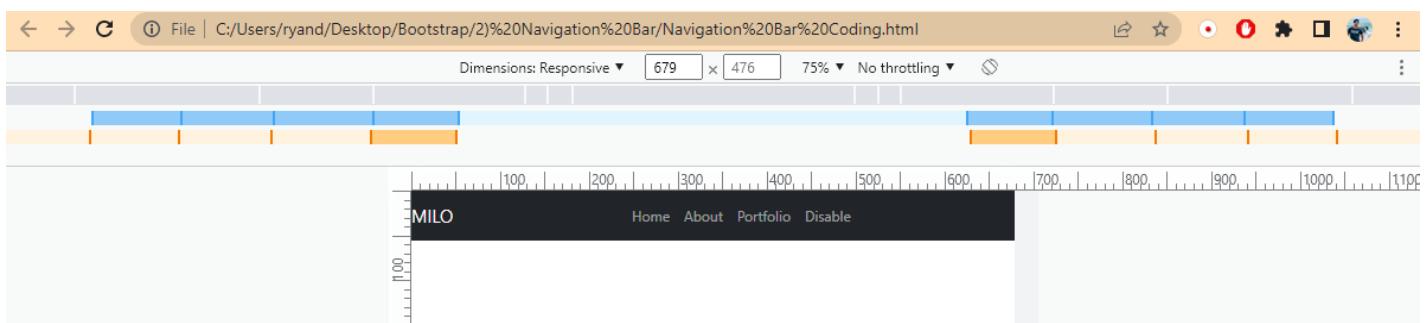
```

Toggler is targeting relevant div TAG



To make Nav Bar content center →

```
<body>
  <nav class="navbar navbar-dark bg-dark navbar-expand-sm">
    <a href="#" class="navbar-brand"> MILO </a>
    <button class="navbar-toggler" data-toggle="collapse" data-target="#Ryan"> <span class="navbar-toggler-icon"></span> </button>
    <div class="collapse navbar-collapse justify-content-center" id="Ryan">
      <ul class="navbar-nav">
        <li class="nav-item"> <a href="#" class="nav-link"> Home </a> </li>
        <li class="nav-item"> <a href="#" class="nav-link"> About </a> </li>
        <li class="nav-item"> <a href="#" class="nav-link"> Portfolio </a> </li>
        <li class="nav-item"> <a href="#" class="nav-link"> Disable </a> </li>
      </ul>
    </div>
  </nav>
  <!-- Optional JavaScript -->
  <!-- jQuery first, then Popper.js, then Bootstrap JS -->
  <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8&gt;
```



Nav Bar further modifications

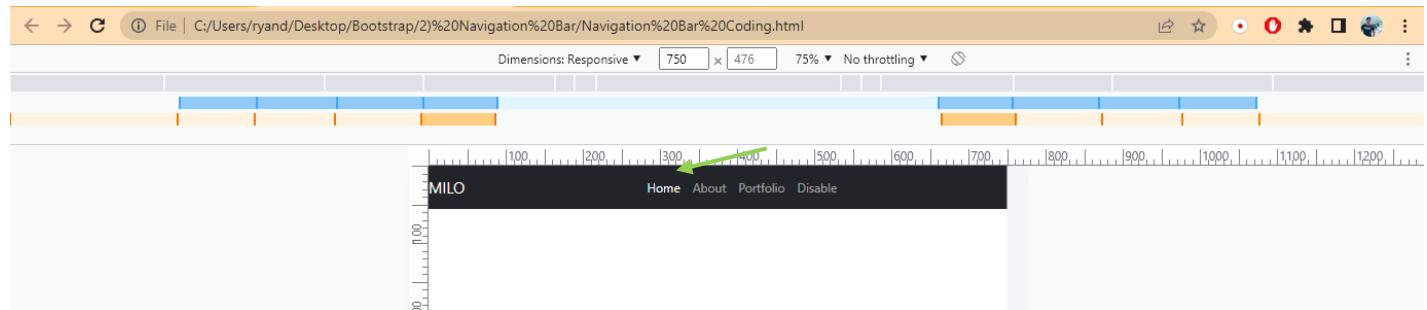
To make current page Nav Bar link highlighted →

```
<body>

<nav class="navbar navbar-dark bg-dark navbar-expand-sm">
  <a href="" class="navbar-brand"> MILO </a>

  <button class="navbar-toggler" data-toggle="collapse" data-target="#Ryan"> <span class="navbar-toggler-icon"></span> </button>

  <div class="collapse navbar-collapse justify-content-center" id="Ryan">
    <ul class="navbar-nav">
      <li class="nav-item"> <a href="" class="nav-link active"> Home </a> </li>
      <li class="nav-item"> <a href="" class="nav-link"> About </a> </li>
      <li class="nav-item"> <a href="" class="nav-link"> Portfolio </a> </li>
      <li class="nav-item"> <a href="" class="nav-link disabled"> Disable </a> </li>
    </ul>
  </div>
</nav>
```



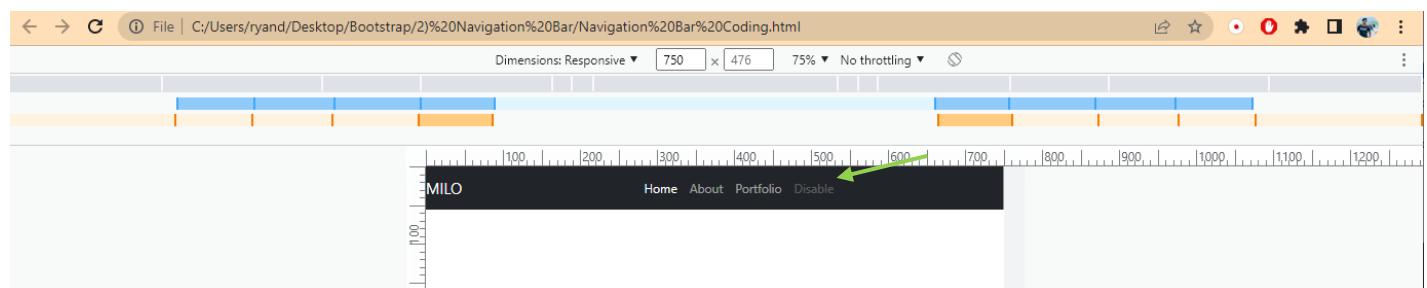
To make Nav Bar link disable →

```
<body>

<nav class="navbar navbar-dark bg-dark navbar-expand-sm">
  <a href="" class="navbar-brand"> MILO </a>

  <button class="navbar-toggler" data-toggle="collapse" data-target="#Ryan"> <span class="navbar-toggler-icon"></span> </button>

  <div class="collapse navbar-collapse justify-content-center" id="Ryan">
    <ul class="navbar-nav">
      <li class="nav-item"> <a href="" class="nav-link active"> Home </a> </li>
      <li class="nav-item"> <a href="" class="nav-link"> About </a> </li>
      <li class="nav-item"> <a href="" class="nav-link"> Portfolio </a> </li>
      <li class="nav-item"> <a href="" class="nav-link disabled"> Disable </a> </li>
    </ul>
  </div>
</nav>
```



How to learn more things about Nav Bar

Getbootstrap.com → Documentation tab → Components → Navbar

The screenshot shows a web browser displaying the Bootstrap 4 documentation for the Navbar component. The URL in the address bar is `getbootstrap.com/docs/4.2/components/navbar/`. The page has a dark purple header with the Bootstrap logo and navigation links for Home, Documentation, Examples, Themes, Expo, and Blog. A message at the top right says "There's a newer version of Bootstrap 4!". Below the header is a search bar and a sidebar containing a list of Bootstrap components. The main content area is titled "Navbar" and describes it as a powerful, responsive navigation header. It includes support for branding, navigation, and more, including support for the collapse plugin. A section titled "How it works" lists several bullet points about navbar behavior and styling. At the bottom of the main content area is a note about accessibility and motion. A sidebar on the right provides links to other documentation sections like "How it works", "Supported content", and "Brand".

Search...

Getting started
Layout
Content
Components
Alerts
Badge
Breadcrumb
Buttons
Button group
Card
Carousel
Collapse
Dropdowns
Forms
Input group
Jumbotron
List group
Media object
Modal
Navs
Navbar
Pagination

There's a newer version of Bootstrap 4!

v4.2 [Download](#)

Navbar

Documentation and examples for Bootstrap's powerful, responsive navigation header, the navbar. Includes support for branding, navigation, and more, including support for our collapse plugin.

How it works

Here's what you need to know before getting started with the navbar:

- Navbars require a wrapping `.navbar` with `.navbar-expand{ -sm|-md|-lg|-xl}` for responsive collapsing and [color scheme](#) classes.
- Navbars and their contents are fluid by default. Use [optional containers](#) to limit their horizontal width.
- Use our [spacing](#) and [flex](#) utility classes for controlling spacing and alignment within navbars.
- Navbars are responsive by default, but you can easily modify them to change that. Responsive behavior depends on our [Collapse JavaScript plugin](#).
- Navbars are hidden by default when printing. Force them to be printed by adding `.d-print` to the `.navbar`. See the [display](#) utility class.
- Ensure accessibility by using a `<nav>` element or, if using a more generic element such as a `<div>`, add a `role="navigation"` to every navbar to explicitly identify it as a landmark region for users of assistive technologies.

The animation effect of this component is dependent on the `prefers-reduced-motion` media query. See the [reduced motion](#) section of our [accessibility documentation](#).

Read on for an example and list of supported sub-components.

How it works
Supported content
Brand
Nav
Forms
Text
Color schemes
Containers
Placement
Responsive behaviors
Toggler
External content

Coding

```
Buttons Coding.html
1  <!DOCTYPE html>
2
3  <html lang = "en">
4
5  <head>
6
7      <!-- Required meta tags -->
8      <meta charset = "UTF-8">
9      <meta name="viewport" content="width=device-width, initial-scale=1">
10
11     <title> Bootstrap Coding </title>
12
13     <!-- Bootstrap CSS -->
14     <link rel = "stylesheet" href="css/bootstrap.css">
15
16 </head>
17
18
19
20 <body>
21
22     <nav class="navbar      navbar-dark      bg-dark      navbar-expand-sm">
23         <a href="#" class="navbar-brand"> MILO </a>
24
25         <button class="navbar-toggler" data-toggle="collapse" data-target="#Ryan">      <span class="navbar-toggler-icon"></span>      </button>
26
27         <div class="collapse      navbar-collapse      justify-content-center" id="Ryan">
28
29             <ul class="navbar-nav">
30                 <li class="nav-item"      <a href="" class="nav-link active"> Home </a>      </li>
31                 <li class="nav-item"      <a href="" class="nav-link"> About </a>      </li>
32                 <li class="nav-item m"      <a href="" class="nav-link"> Portfolio </a>      </li>
33                 <li class="nav-item"      <a href="" class="nav-link disabled"> Disable </a>      </li>
34             </ul>
35
36         </div>
37
38     </nav>
39
40     <!-- Optional JavaScript -->
41     <!-- jQuery first, then Popper.js, then Bootstrap JS -->
42     <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abTE1Pi6jizo" crossorigin="anonymous"></script>
43
44     <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.6/dist/umd/popper.min.js" integrity="sha384-wHaiFFrlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WHdZYu1hA6Z0blgut" crossorigin="anonymous"></script>
45
46     <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.2.1/dist/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymous"></script>
47
48
49
50 </body>
51
52
53 </html>
```

```

<!DOCTYPE html>

<html lang ="en">

<head>

    <!-- Required meta tags -->
    <meta charset ="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel ="stylesheet" href="css/bootstrap.css">

</head>

<body>

    <nav class="navbar           navbar-dark bg-dark          navbar-
expand-sm">
        <a href="" class="navbar-brand"> MILO </a>

        <button class="navbar-toggler" data-toggle="collapse"
data-target="#Ryan">           <span class="navbar-toggler-
icon"></span>           </button>

        <div class="collapse           navbar-collapse
justify-content-center" id="Ryan">

            <ul class="navbar-nav">
                <li class="nav-item">
                    <a href="" class="nav-link active"> Home </a>
                <li class="nav-item">
                    <a href="" class="nav-link"> About </a>
                <li class="nav-item">
                    <a href="" class="nav-link"> Portfolio </a>
                <li class="nav-item">
                    <a href="" class="nav-link disabled"> Disable </a>
                </li>
            </ul>

        </div>
    </nav>

    <!-- Optional JavaScript -->
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-
q8i/X+965Dz00rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abTE1Pi6jizo"
crossorigin="anonymous"></script>

```

```
<script
src="https://cdn.jsdelivr.net/npm/popper.js@1.14.6/dist/umd/popper.min.js" integrity="sha384-wHAiFfRlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNMRBu5WHdZYulhA6ZObtgt"
crossorigin="anonymous"></script>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.2.1/dist/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k"
crossorigin="anonymous"></script>

</body>

</html>
```

Buttons

Normal color Buttons

```
<!DOCTYPE html>

<html lang = "en">

<head>

    <!-- Required meta tags -->
    <meta charset = "UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel = "stylesheet" href="css/bootstrap.css">

</head>

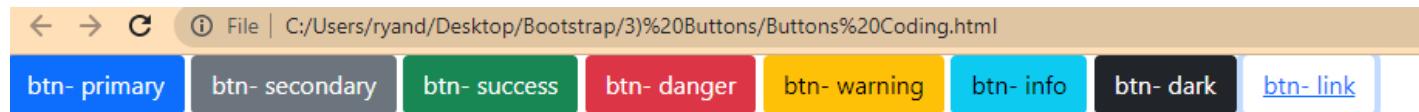
<body>

    <div class="row">

        <div class="col-12">
            <button class="btn btn-primary">btn- primary</button>
            <button class="btn btn-secondary">btn- secondary</button>
            <button class="btn btn-success">btn- success</button>
            <button class="btn btn-danger">btn- danger</button>
            <button class="btn btn-warning">btn- warning</button>
            <button class="btn btn-info">btn- info</button>
            <button class="btn btn-dark">btn- dark</button>
            <button class="btn btn-link">btn- link</button>
        </div>
    </div>

</body>

</html>
```



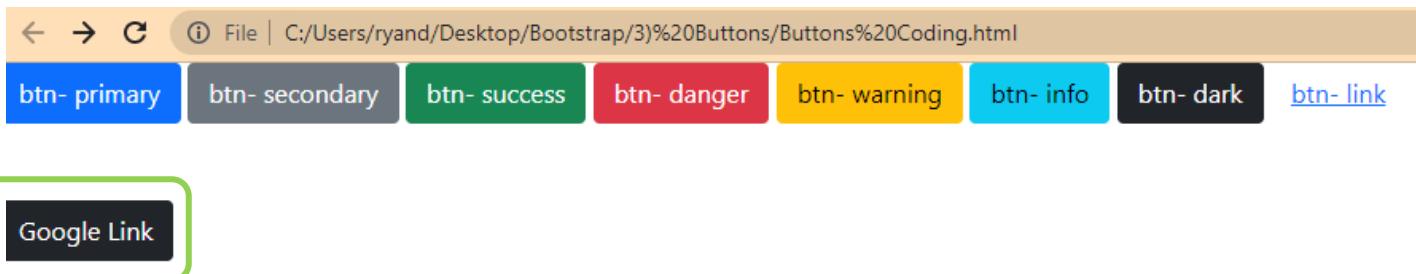
Button with Link (Using Anchor Tag)

```
<button class="btn btn-danger">btn- danger</button>
<button class="btn btn-warning">btn- warning</button>
<button class="btn btn-info">btn- info</button>
<button class="btn btn-dark">btn- dark</button>
<button class="btn btn-link">btn- link</button>
</div>

</div>
<br><br>

<div class="row">
    <div class="col-12">
        <a href="www.google.com" class="btn btn-dark" role="button">Google Link</a>
    </div>
</div>

</body>
```



Using buttons as Input tags when using forms

```
<div class="row">
    <div class="col-12">
        <a href="www.google.com" class="btn btn-dark" role="button">Google Link</a>
        <input type="button" name="" value="Submit" class="btn btn-primary">
    </div>
</div>

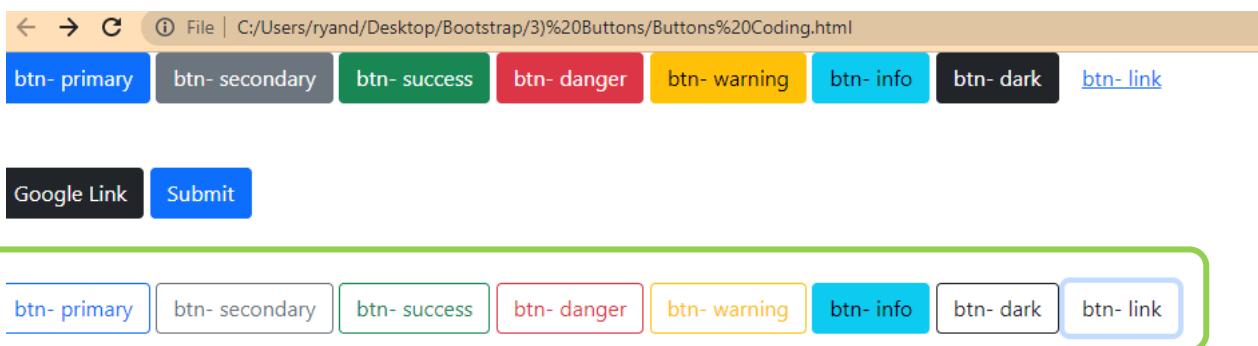
</body>
```



Buttons with outline

```
<div class="row">  
  
    <div class="col-12">  
        <button class="btn  
        <button class="btn  
    </div>  
  
</div>  
  
</body>
```

btn-outline-primary">btn- primary</button>
btn-outline-secondary">btn- secondary</button>
btn-outline-success">btn- success</button>
btn-outline-danger">btn- danger</button>
btn-outline-warning">btn- warning</button>
btn-outline-info">btn- info</button>
btn-outline-dark">btn- dark</button>
btn-outline-link">btn- link</button>



← → ⌂ File | C:/Users/ryand/Desktop/Bootstrap/3)%20Buttons/Buttons%20Coding.html

btn- primary btn- secondary btn- success btn- danger btn- warning btn- info btn- dark btn- link

Google Link Submit

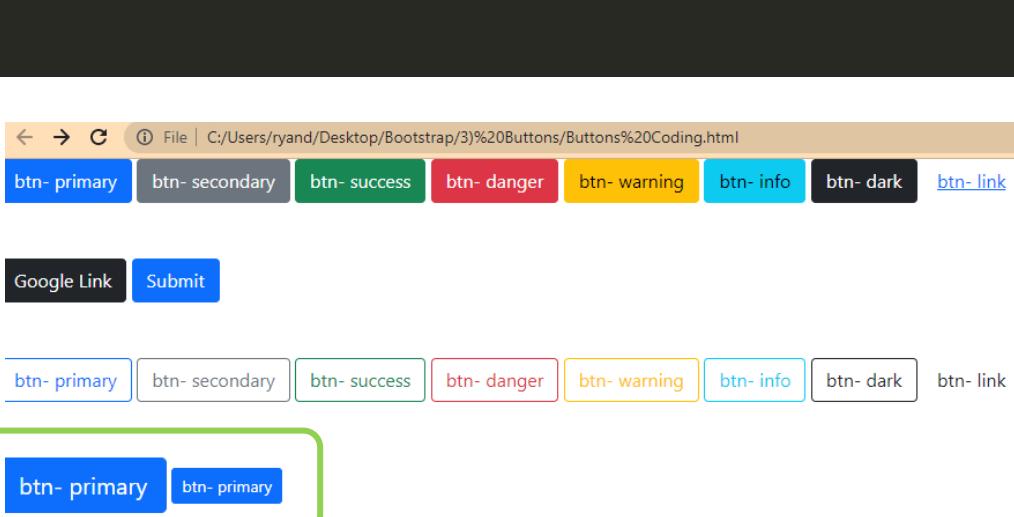
btn- primary btn- secondary btn- success btn- danger btn- warning btn- info btn- dark btn- link

Change button size

```
<div class="row">  
  
    <div class="col-12">  
        <button class="btn  
        <button class="btn  
    </div>  
  
</div>  
  
</body>
```

btn-lg btn-sm

btn-primary">btn- primary</button>
btn-primary">btn- primary</button>



← → ⌂ File | C:/Users/ryand/Desktop/Bootstrap/3)%20Buttons/Buttons%20Coding.html

btn- primary btn- secondary btn- success btn- danger btn- warning btn- info btn- dark btn- link

Google Link Submit

btn- primary btn- primary

Make button active and deactivate

```
<!-- Make button active and deactivate -->
<div class="row">
    <div class="col-12">
        <button class="btn btn-lg btn-primary" active="" disabled="">btn- primary</button>
        <button class="btn btn-sm btn-primary" active="" disabled="">btn- primary</button>
    </div>
</div>
</body>
```

Using class active

active"
disabled="">
btn- primary</button>
btn- primary</button>

Disable class can't add to button.

So we have to add disable attribute to the button

btn- primary

btn- primary

Make button group

```
<!-- Button Group -->
<div class="row">
    <div class="col-12">
        <div class="btn-group" role="group">
            <button class="btn btn-primary">btn- primary</button>
            <button class="btn btn-secondary">btn- secondary</button>
            <button class="btn btn-success">btn- success</button>
            <button class="btn btn-danger">btn- danger</button>
            <button class="btn btn-warning">btn- warning</button>
            <button class="btn btn-info">btn- info</button>
            <button class="btn btn-dark">btn- dark</button>
        </div>
    </div>
</div>
</body>
```

btn- primary

btn- secondary

btn- success

btn- danger

btn- warning

btn- info

btn- dark

Make button group vertical →

```
<!-- Button Group Vertical -->
<div class="row">

    <div class="col-12">
        <div class="btn-group-vertical" role="group">
            <button class="btn btn-primary">btn- primary</button>
            <button class="btn btn-secondary">btn- secondary</button>
            <button class="btn btn-success">btn- success</button>
            <button class="btn btn-danger">btn- danger</button>
            <button class="btn btn-warning">btn- warning</button>
            <button class="btn btn-info">btn- info</button>
            <button class="btn btn-dark">btn- dark</button>
        </div>
    </div>

</div>

</body>
```



Make button group resize →

```
<!-- Button Group Vertical -->
<div class="row">

    <div class="col-12">
        <div class="btn-group-vertical" role="group">
            <button class="btn btn-primary">btn- primary</button>
            <button class="btn btn-secondary">btn- secondary</button>
            <button class="btn btn-success">btn- success</button>
            <button class="btn btn-danger">btn- danger</button>
            <button class="btn btn-warning">btn- warning</button>
            <button class="btn btn-info">btn- info</button>
            <button class="btn btn-dark">btn- dark</button>
        </div>
    </div>

</div>

</body>
```



Coding

```
Buttons Coding.html      x + ▾
1  <!DOCTYPE html>
2
3  <html lang = "en">
4
5  <head>
6
7      <!-- Required meta tags -->
8      <meta charset = "UTF-8">
9      <meta name="viewport" content="width=device-width, initial-scale=1">
10
11     <title> Bootstrap Coding </title>
12
13     <!-- Bootstrap CSS -->
14     <link rel = "stylesheet" href="css/bootstrap.css">
15
16 </head>
17
18
19
20 <body>
21     <!-- Normal colour Buttons -->
22     <p>Normal colour Buttons</p>
23     <div class="row">
24
25         <div class="col-12">
26             <button class="btn    btn-primary">btn- primary</button>
27             <button class="btn    btn-secondary">btn- secondary</button>
28             <button class="btn    btn-success">btn- success</button>
29             <button class="btn    btn-danger">btn- danger</button>
30             <button class="btn    btn-warning">btn- warning</button>
31             <button class="btn    btn-info">btn- info</button>
32             <button class="btn    btn-dark">btn- dark</button>
33             <button class="btn    btn-link">btn- link</button>
34         </div>
35
36     </div>
37
38     <br><br>
39
40     <!-- 1) Button with Link (Using Anchor Tag) -->
41     <!-- 2) Using buttons as Input tags when using forms -->
42     <p>1) Button with Link (Using Anchor Tag)</p>
43     <p>2) Using buttons as Input tags when using forms</p>
44     <div class="row">
45
46         <div class="col-12">
47             <a href="www.google.com"    class="btn btn-dark"    role="button">Google Link</a>
48
49             <input type="button" name="" value="Submit"    class="btn btn-primary">
50         </div>
51     </div>
52
53     <br><br>
54
55     <!-- Buttons with outline -->
56     <p>Buttons with outline</p>
57     <div class="row">
58
59         <div class="col-12">
60             <button class="btn    btn-outline-primary">btn- primary</button>
61             <button class="btn    btn-outline-secondary">btn- secondary</button>
62             <button class="btn    btn-outline-success">btn- success</button>
```

```
Buttons Coding.html
```

```
61      <button class="btn    btn-outline-secondary">btn- secondary</button>
62      <button class="btn    btn-outline-success">btn- success</button>
63      <button class="btn    btn-outline-danger">btn- danger</button>
64      <button class="btn    btn-outline-warning">btn- warning</button>
65      <button class="btn    btn-outline-info">btn- info</button>
66      <button class="btn    btn-outline-dark">btn- dark</button>
67      <button class="btn    btn-outline-link">btn- link</button>
68  </div>
69
70  </div>
71
72  <br><br>
73
74  <!-- Change button size -->
75  <p>Change button size</p>
76  <div class="row">
77
78  <div class="col-12">
79      <button class="btn    btn-lg    btn-primary">btn- primary</button>
80      <button class="btn    btn-sm    btn-primary">btn- primary</button>
81  </div>
82
83 </div>
84
85  <br><br>
86
87  <!-- Make button active and deactivate -->
88  <p>Make button active and deactivate</p>
89  <div class="row">
90
91  <div class="col-12">
92      <button class="btn    btn-lg  btn-primary    active">    btn- primary</button>
93      <button class="btn    btn-sm  btn-primary" disabled="">    btn- primary</button>
94  </div>
95
96 </div>
97
98  <br><br>
99
100 <!-- Button Group -->
101 <p>Button Group</p>
102 <div class="row">
103
104 <div class="col-12">
105  <div class="btn-group" role="group">
106      <button class="btn    btn-primary">btn- primary</button>
107      <button class="btn    btn-secondary">btn- secondary</button>
108      <button class="btn    btn-success">btn- success</button>
109      <button class="btn    btn-danger">btn- danger</button>
110      <button class="btn    btn-warning">btn- warning</button>
111      <button class="btn    btn-info">btn- info</button>
112      <button class="btn    btn-dark">btn- dark</button>
113  </div>
114 </div>
115
116 </div>
117
118  <br><br>
119
120  <!-- Button Group Vertical -->
121  <p>Button Group Vertical</p>
122  <div class="row">
```

```
Buttons Coding.html
```

```
121     <p>Button Group Vertical</p>
122     <div class="row">
123
124         <div class="col-12">
125             <div class="btn-group-vertical" role="group">
126                 <button class="btn    btn-primary">btn- primary</button>
127                 <button class="btn    btn-secondary">btn- secondary</button>
128                 <button class="btn    btn-success">btn- success</button>
129                 <button class="btn    btn-danger">btn- danger</button>
130                 <button class="btn    btn-warning">btn- warning</button>
131                 <button class="btn    btn-info">btn- info</button>
132                 <button class="btn    btn-dark">btn- dark</button>
133             </div>
134         </div>
135
136     <br><br>
137
138     <!-- Button Group Resize      -->
139     <p>Button Group Resize</p>
140     <div class="row">
141
142         <div class="col-12">
143             <div class="btn-group-lg" role="group">
144                 <button class="btn    btn-primary">btn- primary</button>
145                 <button class="btn    btn-secondary">btn- secondary</button>
146                 <button class="btn    btn-success">btn- success</button>
147             </div>
148
149             <br><br>
150
151             <div class="btn-group-sm" role="group">
152                 <button class="btn    btn-primary">btn- primary</button>
153                 <button class="btn    btn-secondary">btn- secondary</button>
154                 <button class="btn    btn-success">btn- success</button>
155             </div>
156         </div>
157     </div>
158
159     </div>
160
161     </body>
162
163
164
165     </html>
166
167
168
169
```

```

<!DOCTYPE html>

<html lang ="en">

<head>

    <!-- Required meta tags -->
    <meta charset ="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel ="stylesheet" href="css/bootstrap.css">

</head>

<body>

    <!-- Normal colour Buttons -->
    <p>Normal colour Buttons</p>
    <div class="row">

        <div class="col-12">
            <button class="btn btn-primary">btn- primary</button>
            <button class="btn btn-secondary">btn- secondary</button>
            <button class="btn btn-success">btn- success</button>
            <button class="btn btn-danger">btn- danger</button>
            <button class="btn btn-warning">btn- warning</button>
            <button class="btn btn-info">btn- info</button>
            <button class="btn btn-dark">btn- dark</button>
            <button class="btn btn-link">btn- link</button>
        </div>
    </div>

    <br><br>

    <!-- 1) Button with Link (Using Anchor Tag) -->
    <!-- 2) Using buttons as Input tags when using forms -->
    <p>1) Button with Link (Using Anchor Tag)</p>
    <p>2) Using buttons as Input tags when using forms</p>
    <div class="row">

        <div class="col-12">
            <a href="www.google.com" class="btn btn-dark" role="button">Google
Link</a>
            <input type="button" name="" value="Submit" class="btn btn-primary">
        </div>
    </div>

    <br><br>

    <!-- Buttons with outline -->
    <p>Buttons with outline</p>
    <div class="row">

        <div class="col-12">
            <button class="btn btn-outline-primary">btn- primary</button>

```

```

        <button class="btn
        <button class="btn
        <button class="btn
        <button class="btn
        <button class="btn
        <button class="btn
        <button class="btn
</div>

</div>

<br><br>

<!-- Change button size      --&gt;
&lt;p&gt;Change button size&lt;/p&gt;
&lt;div class="row"&gt;

    &lt;div class="col-12"&gt;
        &lt;button class="btn
primary&lt;/button&gt;           btn-lg                      btn-primary"&gt;btn-
                                primary&lt;/button&gt;
        &lt;button class="btn
primary&lt;/button&gt;           btn-sm                      btn-primary"&gt;btn-
                                primary&lt;/button&gt;
    &lt;/div&gt;

&lt;/div&gt;

&lt;br&gt;&lt;br&gt;

<!-- Make button active and deactivate      --&gt;
&lt;p&gt;Make button active and deactivate&lt;/p&gt;
&lt;div class="row"&gt;

    &lt;div class="col-12"&gt;
        &lt;button class="btn
btn- primary&lt;/button&gt;           btn-lg   btn-primary   active"&gt;btn-
                                primary&lt;/button&gt;
        &lt;button class="btn
btn- primary&lt;/button&gt;           btn-sm   btn-primary   disabled=""&gt;btn-
                                primary&lt;/button&gt;
    &lt;/div&gt;

&lt;/div&gt;

&lt;br&gt;&lt;br&gt;

<!-- Button Group      --&gt;
&lt;p&gt;Button Group&lt;/p&gt;
&lt;div class="row"&gt;

    &lt;div class="col-12"&gt;
        &lt;div class="btn-group" role="group"&gt;
            &lt;button class="btn
            &lt;button class="btn
            &lt;button class="btn
            &lt;button class="btn
            &lt;button class="btn
            &lt;button class="btn
            &lt;button class="btn
&lt;/div&gt;
&lt;/div&gt;

&lt;/div&gt;

&lt;br&gt;&lt;br&gt;
</pre>

```

```

<!-- Button Group Vertical -->
<p>Button Group Vertical</p>
<div class="row">

    <div class="col-12">
        <div class="btn-group-vertical" role="group">
            <button class="btn btn-primary">btn- primary</button>
            <button class="btn btn-secondary">btn- secondary</button>
            <button class="btn btn-success">btn- success</button>
            <button class="btn btn-danger">btn- danger</button>
            <button class="btn btn-warning">btn- warning</button>
            <button class="btn btn-info">btn- info</button>
            <button class="btn btn-dark">btn- dark</button>
        </div>
    </div>

</div>

<br><br>

<!-- Button Group Resize -->
<p>Button Group Resize</p>
<div class="row">

    <div class="col-12">
        <div class="btn-group-lg" role="group">
            <button class="btn btn-primary">btn- primary</button>
            <button class="btn btn-secondary">btn- secondary</button>
            <button class="btn btn-success">btn- success</button>
        </div>

        <br><br>

        <div class="btn-group-sm" role="group">
            <button class="btn btn-primary">btn- primary</button>
            <button class="btn btn-secondary">btn- secondary</button>
            <button class="btn btn-success">btn- success</button>
        </div>
    </div>

</div>

</body>

</html>

```

Alerts

These alert boxes are responsive to screen size. No need to make coding to make responsive.

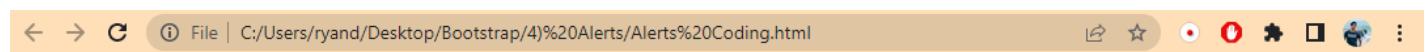
Normal Alert Box

```
<body>
    <div class="container mt-5">
        <div class="alert alert-primary">
            Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam.
        </div>
    </div>
</body>
```

Margin Top 5px

Div type is alert

Alert color



Link is shown in anchor TAG

```
    <div class="alert alert-success">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam.
        <a href="www.google.com" class="alert-link" > LOGIN HERE!!! </a>
    </div>
```

Link

Show as alert link

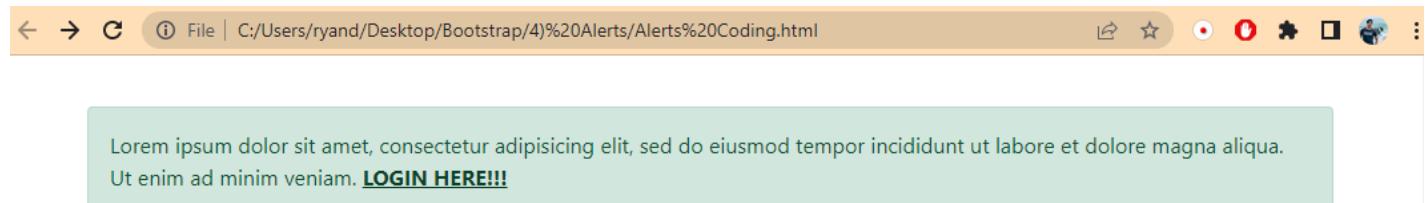
Alert Box with Link

```
Link is shown in anchor TAG
```

```
<div class="container mt-5">
    <div class="alert alert-success">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam.
        <a href="www.google.com" class="alert-link" > LOGIN HERE!!! </a>
    </div>
</body>
```

Link

Show as alert link



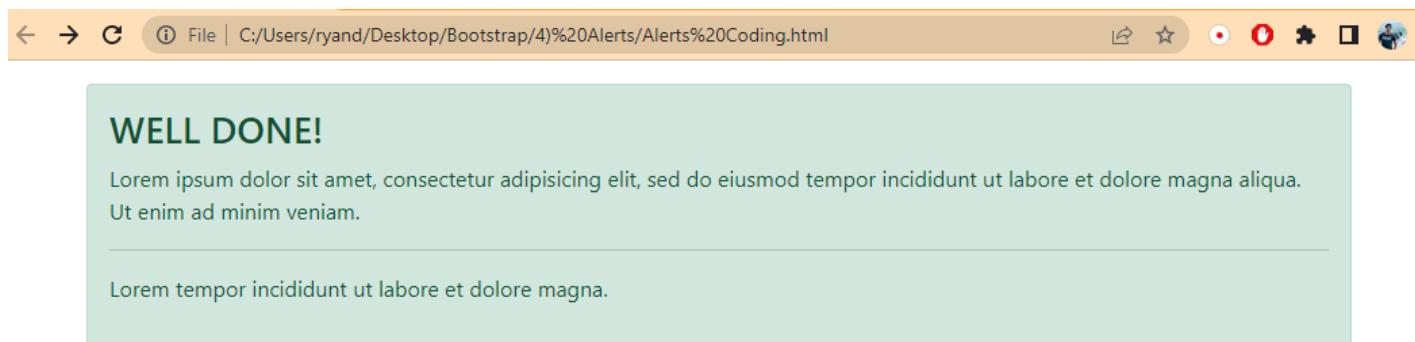
Alert Box with more content

```
<div class="container mt-5">
  <div class="alert alert-success">
    <h3 class="alert-heading"> WELL DONE! </h3>
    <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam.</p>
    <hr>
    <p class="mb-0">Lorem tempor incididunt ut labore et dolore magna.</p>
  </div>
</div>
```

Show as alert heading

Margin Bottom

Horizontal Line



Dismissing alert box by clicking close icon

We need Java Script for this.

Because clicking close button is an event.

We want to specify what happen when we click close button

```


Login failed!
    
        <span aria-hidden="true">&times;</span>


<!-- Optional JavaScript --&gt;
<!-- jQuery first, then Popper.js, then Bootstrap JS --&gt;
&lt;script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abTE1Pi6jizo" crossorigin="anonymous"&gt;&lt;/script&gt;
&lt;script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.6/dist/umd/popper.min.js" integrity="sha384-wHAiFfR1MFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRCBu5WHDZYU1hA6ZObIgut" crossorigin="anonymous"&gt;&lt;/script&gt;
&lt;script src="https://cdn.jsdelivr.net/npm/bootstrap@4.2.1/dist/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymous"&gt;&lt;/script&gt;
</pre>


Alert should be dismissed



When dismiss should slowly fade away



Span TAG To get cross symbol for closing button

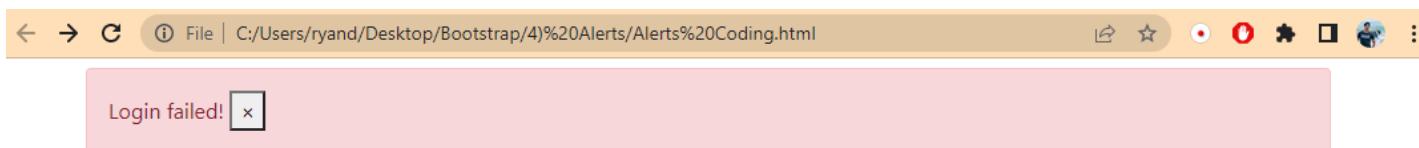


Closing Button Creation



Close button works when link the JS


```



Coding

```
1  <!DOCTYPE html>
2
3  <html lang = "en">
4
5  <head>
6
7      <!-- Required meta tags -->
8      <meta charset = "UTF-8">
9      <meta name="viewport" content="width=device-width, initial-scale=1">
10
11     <title> Bootstrap Coding </title>
12
13     <!-- Bootstrap CSS -->
14     <link rel = "stylesheet" href="css/bootstrap.css">
15
16 </head>
17
18
19
20 <body>
21
22     <!-- Normal Alert Box -->
23     <div class="container    mt-5">
24         Normal Alert Box
25         <div class="alert      alert-primary">
26             Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
27             tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam.
28         </div>
29     </div>
30
31     <!-- Alert Box with Link -->
32     <div class="container    mt-5">
33         Alert Box with Link
34         <div class="alert      alert-success">
35             Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
36             tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam.
37             <a href="www.google.com"      class="alert-link" > LOGIN HERE!!! </a>
38         </div>
39     </div>
40
41     <!-- Alert Box with more content -->
42     <div class="container    mt-5">
43         Alert Box with more content
44         <div class="alert      alert-success">
45             <h3 class="alert-heading"> WELL DONE! </h3>
46             <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
47             tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam.</p>
48             <hr>
49             <p class="mg-0">Lorem tempor incididunt ut labore et dolore magna.</p>
50
51         </div>
52     </div>
```

```
52  </div>
53
54  <!-- Dismissing alert box by clicking close icon --&gt;
55  &lt;div class="container mt-5"&gt;
56  Dismissing alert box by clicking close icon
57      &lt;div class="alert alert-danger alert-dismissible fade show"&gt;
58          Login failed!
59          &lt;button class="close" data-dismiss="alert" aria-label="close"&gt;
60              &lt;span aria-hidden="true"&gt;&amp;times;&lt;/span&gt;
61          &lt;/button&gt;
62      &lt;/div&gt;
63  &lt;/div&gt;
64
65  <!-- Optional JavaScript --&gt;
66  <!-- jQuery first, then Popper.js, then Bootstrap JS --&gt;
67  &lt;script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"&gt;&lt;/script&gt;
68
69  &lt;script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.6/dist/umd/popper.min.js" integrity="sha384-wHAiFfRlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNMRBu5WHdZYu1hA6Z0blgut" crossorigin="anonymous"&gt;&lt;/script&gt;
70
71  &lt;script src="https://cdn.jsdelivr.net/npm/bootstrap@4.2.1/dist/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymous"&gt;&lt;/script&gt;
72
73 &lt;/body&gt;
74
75
76
77
78
79 &lt;/html&gt;
80
81</pre>
```

```

<!DOCTYPE html>

<html lang ="en">

<head>

    <!-- Required meta tags -->
    <meta charset ="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel ="stylesheet" href="css/bootstrap.css">

</head>

<body>

    <!-- Normal Alert Box -->
    <div class="container mt-5">
        Normal Alert Box
        <div class="alert alert-primary">
            Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed
            do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad
            minim veniam.
        </div>
    </div>

    <!-- Alert Box with Link -->
    <div class="container mt-5">
        Alert Box with Link
        <div class="alert alert-success">
            Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed
            do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad
            minim veniam.
        <a href="www.google.com" class="alert-link" >
            LOGIN HERE!!!
        </a>
    </div>
    </div>

    <!-- Alert Box with more content -->
    <div class="container mt-5">
        Alert Box with more content
        <div class="alert alert-success">
            <h3 class="alert-heading"> WELL DONE! </h3>
            <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit,
            sed do eiusmod
            tempor incididunt ut labore et dolore magna aliqua. Ut enim ad
            minim veniam.</p>
            <hr>
            <p class="mg-0">Lorem tempor incididunt ut labore et dolore
            magna.</p>
        </div>
    </div>

    <!-- Dismissing alert box by clicking close icon -->

```

```

<div class="container mt-5">
    Dismissing alert box by clicking close icon
        <div class="alert alert-danger alert-dismissible" style="background-color: #f0f0f0; border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;">
            Login failed!
            <button class="close" data-dismiss="alert" aria-label="close" style="float: right; font-size: 1em; color: inherit; text-decoration: none; border: none; background-color: transparent; border-radius: 50%; padding: 0; margin-left: 10px;">&times;</button>
        </div>
    </div>

    <!-- Optional JavaScript -->
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
        integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
        crossorigin="anonymous"></script>

    <script
        src="https://cdn.jsdelivr.net/npm/popper.js@1.14.6/dist/umd/popper.min.js"
        integrity="sha384-wHAiFfRlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WHdZYu1hA6ZObIgut"
        crossorigin="anonymous"></script>

    <script
        src="https://cdn.jsdelivr.net/npm/bootstrap@4.2.1/dist/js/bootstrap.min.js"
        integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hclog6Ls7i6U/mkkaduKaBhlAXv9k"
        crossorigin="anonymous"></script>

</body>

</html>

```

Badges

Badge details are normally recorded in span TAG

The `` tag is much like the `<div>` element, but `<div>` is a block-level element and `` is an inline element.

Normal Badge

```
Div type is badge          Badge color


### Ryan <span class="badge bg-primary">Wickramaratne</span> </h3> <span class="badge bg-primary">Wickramaratne</span> </h3> <span class="badge bg-primary">Wickramaratne</span> </p> </div>


```



Ryan Wickramaratne

Wickramaratne

Wickramaratne

Using badge as a part of buttons or links

```
Badge      Button Name


<button class="btn btn-success"> Notifications
    <span class="badge bg-primary">09</span>
  </button>
</div>


```

Button

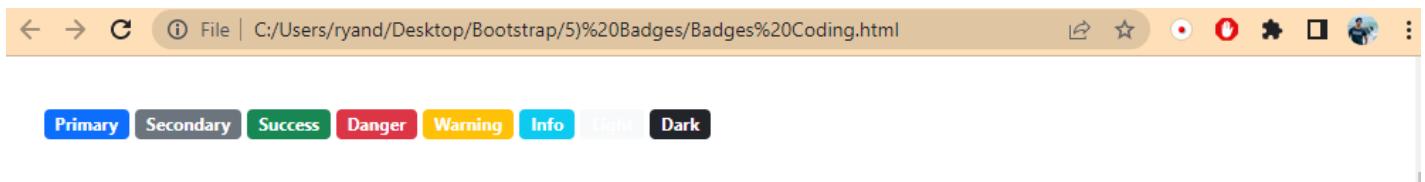
Badge Name



Notifications 09

Contextual Variation (Color badges)

```
<div class="container mt-5">
    <span class="badge bg-primary"> Primary </span>
    <span class="badge bg-secondary"> Secondary </span>
    <span class="badge bg-success"> Success </span>
    <span class="badge bg-danger"> Danger </span>
    <span class="badge bg-warning"> Warning </span>
    <span class="badge bg-info"> Info </span>
    <span class="badge bg-light"> Light </span>
    <span class="badge bg-dark"> Dark </span>
</div>
```

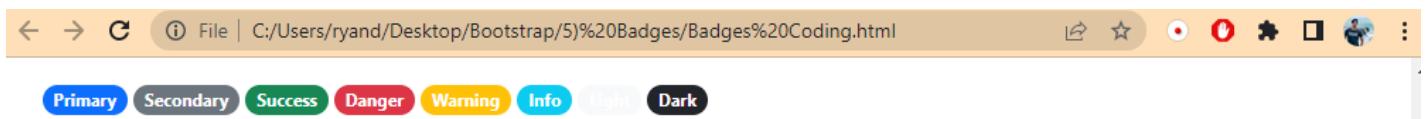


Pill Badges

These are looks like pills. (Shape Change).

This has border radius and horizontally has small padding.

```
<div class="container mt-5">
    <span class="badge rounded-pill bg-primary"> Primary </span>
    <span class="badge rounded-pill bg-secondary"> Secondary </span>
    <span class="badge rounded-pill bg-success"> Success </span>
    <span class="badge rounded-pill bg-danger"> Danger </span>
    <span class="badge rounded-pill bg-warning"> Warning </span>
    <span class="badge rounded-pill bg-info"> Info </span>
    <span class="badge rounded-pill bg-light"> Light </span>
    <span class="badge rounded-pill bg-dark"> Dark </span>
</div>
```



Use badges as links

```
<div class="container mt-5">
  <a href="www.google.com" class="badge bg-primary"> Google </a>
</div>
```



Google

Coding

```
1  <!DOCTYPE html>
2
3  <html lang = "en">
4
5  <head>
6
7      <!-- Required meta tags -->
8      <meta charset = "UTF-8">
9      <meta name="viewport" content="width=device-width, initial-scale=1">
10
11     <title> Bootstrap Coding </title>
12
13     <!-- Bootstrap CSS -->
14     <link rel = "stylesheet" href="css/bootstrap.css">
15
16 </head>
17
18
19
20 <body>
21
22     <!-- Normal Badge -->
23     <div class="container mt-5">
24         Normal Badge
25         <h3>Ryan    <span class="badge bg-primary">Wickramaratne</span>    </h3>
26         <h3>        <span class="badge bg-primary">Wickramaratne</span>    </h3>
27         <p>        <span class="badge bg-primary">Wickramaratne</span>    </p>
28     </div>
29
30     <!-- Using badge as a part of buttons or links -->
31     <div class="container mt-5">
32         Using badge as a part of buttons or links
33         <button class="btn btn-success"> Notifications
34             <span class="badge bg-primary">09</span>
35         </button>
36     </div>
37
38     <!-- Contextual Variation (Color badges) -->
39     <div class="container mt-5">
40         Contextual Variation (Color badges)
41         <span class="badge bg-primary"> Primary </span>
42         <span class="badge bg-secondary"> Secondary </span>
43         <span class="badge bg-success"> Success </span>
44         <span class="badge bg-danger"> Danger </span>
45         <span class="badge bg-warning"> Warning </span>
46         <span class="badge bg-info"> Info </span>
47         <span class="badge bg-light"> Light </span>
48         <span class="badge bg-dark"> Dark </span>
49     </div>
50
51     <!-- Pill Badges -->
52     <div class="container mt-5">
53         Pill Badges
54         <span class="badge rounded-pill bg-primary"> Primary </span>
55         <span class="badge rounded-pill bg-secondary"> Secondary </span>
56         <span class="badge rounded-pill bg-success"> Success </span>
57         <span class="badge rounded-pill bg-danger"> Danger </span>
58         <span class="badge rounded-pill bg-warning"> Warning </span>
59         <span class="badge rounded-pill bg-info"> Info </span>
60         <span class="badge rounded-pill bg-light"> Light </span>
61         <span class="badge rounded-pill bg-dark"> Dark </span>
62     </div>
63
64     <!-- Use badges as links -->
65     <div class="container mt-5">
66         Use badges as links
67         <a href="www.google.com" class="badge bg-primary"> Google </a>
68     </div>
69
70 </body>
71
72
73 </html>
74
```

```

<!DOCTYPE html>

<html lang ="en">

<head>

    <!-- Required meta tags -->
    <meta charset ="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel ="stylesheet" href="css/bootstrap.css">

</head>

<body>

    <!-- Normal Badge -->
    <div class="container mt-5">
        Normal Badge
        <h3>Ryan <span class="badge bg-primary">Wickramaratne</span>
        <h3> <span class="badge bg-primary">Wickramaratne</span>
        <p> <span class="badge bg-primary">Wickramaratne</span>
        </p>
    </div>

    <!-- Using badge as a part of buttons or links -->
    <div class="container mt-5">
        Using badge as a part of buttons or links
        <button class="btn btn-success"> Notifications
            <span class="badge bg-primary">09</span>
        </button>
    </div>

    <!-- Contextual Variation (Color badges) -->
    <div class="container mt-5">
        Contextual Variation (Color badges)
        <span class="badge bg-primary"> Primary
        <span class="badge bg-secondary"> Secondary
        <span class="badge bg-success"> Success
        <span class="badge bg-danger"> Danger
        <span class="badge bg-warning"> Warning
        <span class="badge bg-info"> Info
        <span class="badge bg-light"> Light
        <span class="badge bg-dark"> Dark
    </div>

    <!-- Pill Badges -->
    <div class="container mt-5">
        Pill Badges
        Primary <span class="badge rounded-pill bg-primary">
        Secondary <span class="badge rounded-pill bg-secondary">
        Success <span class="badge rounded-pill bg-success">
        <span class="badge rounded-pill bg-danger">

```

```
    <span class="badge rounded-pill bg-warning">
Warning      </span>
    <span class="badge rounded-pill bg-info">
    <span class="badge rounded-pill bg-light">
    <span class="badge rounded-pill bg-dark">
</div>

<!-- Use badges as links --&gt;
&lt;div class="container mt-5"&gt;
    Use badges as links
    &lt;a href="www.google.com" class="badge bg-primary"&gt;
Google &lt;/a&gt;
&lt;/div&gt;

&lt;/body&gt;

&lt;/html&gt;</pre>
```

Modal

When clicking button, modal box should be appeared.

Modal is shown when user click something.

Normal Modal

```
<body>
  <!-- Button -->
  <button class="btn btn-success" mt-3" data-toggle="modal" data-target="#Ryan"> Submit </button>

  <!-- Modal Code -->
  <div class="modal" tabindex=-1 role="dialog" id="Ryan">
    <div class="modal-dialog" role="document">
      <div class="modal-content">
        <div class="modal-header">
          <h5 class="modal-title"> Header Part </h5>
          <button type="" button class="close" data-dismiss="modal" aria-hidden="true">&times;</button>
        </div>
        <div class="modal-body">
          <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
        </div>
        <div class="modal-footer">
          <button type="" button class="btn btn-secondary" data-dismiss="modal"> OK </button>
          <button type="" button class="btn btn-primary" data-dismiss="modal"> Close </button>
        </div>
      </div>
    </div>
  </div>

  <!-- Optional JavaScript -->
  <!-- jQuery first, then Popper.js, then Bootstrap JS -->
  <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.6/dist/umd/popper.min.js" integrity="sha384-wHAIfR1MFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WHdZYu1hA6Z0blgut" crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.2.1/dist/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymous"></script>
</body>
```

Button {

Modal {

JS for buttons {

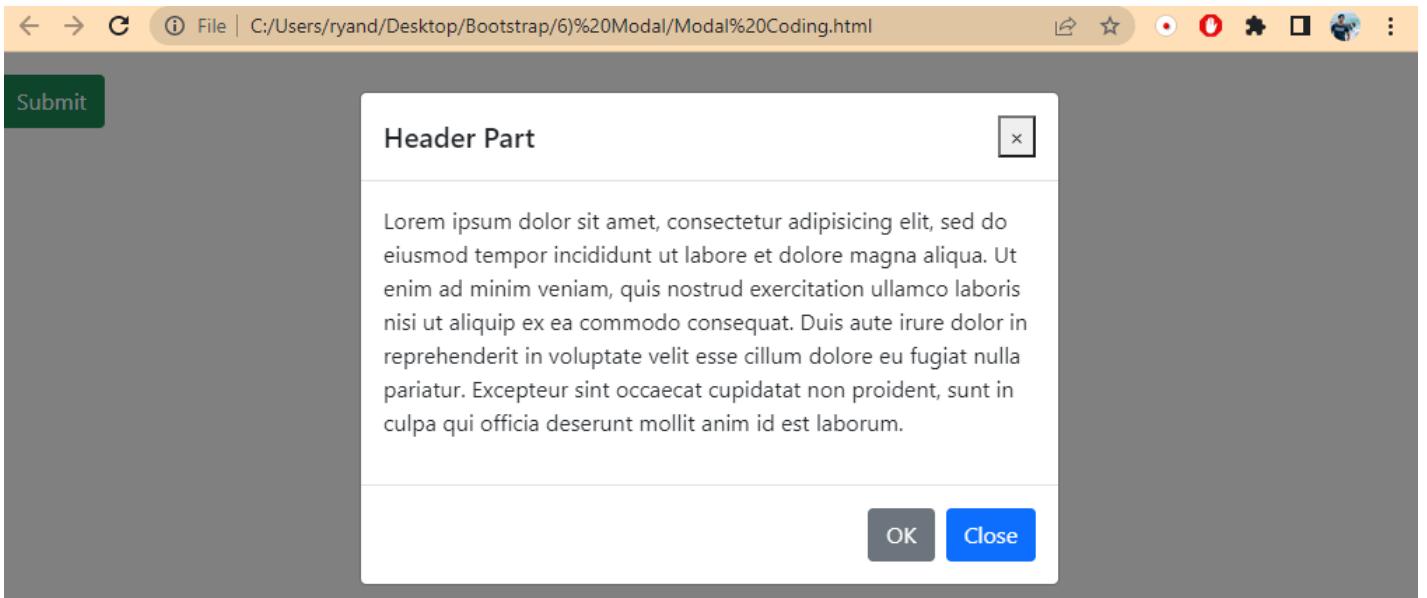
Close X button in header

Header, Body, Footer

Button and Modal interconnecting part.

After creating model there are 3 parts in the modal

Submit



The screenshot shows a web browser window with a modal dialog box displayed over a dark gray background. The modal has a white header bar with the text "Header Part" on the left and a close button (an "X" icon) on the right. The main content area of the modal contains the following text:

 Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

At the bottom of the modal, there are two buttons: a dark gray "OK" button on the left and a blue "Close" button on the right.

Long Scrollable Modal

If we use long text in the modal, rather than scroll down the page, we can add scroll bar to the modal.

```
<!-- Button for Scroll Modal -->
<button class="btn btn-success" mt-3" data-toggle="modal" data-target="#Ryan2"> Submit-Scroll </button>

<!-- Modal scroll content-->
<div class="modal fade" tabindex="-1" role="dialog" id="Ryan2">
  <div class="modal-dialog modal-dialog-scrollable" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title">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">

        <p>
          Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi leo risus, porta ac consectetur ac, vestibulum at eros.

          Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor.

          Aenean lacinia bibendum nulla sed consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.

          Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi leo risus, porta ac consectetur ac, vestibulum at eros.

          Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.

          Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi leo risus, porta ac consectetur ac, vestibulum at eros.

          Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor.

          Aenean lacinia bibendum nulla sed consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.

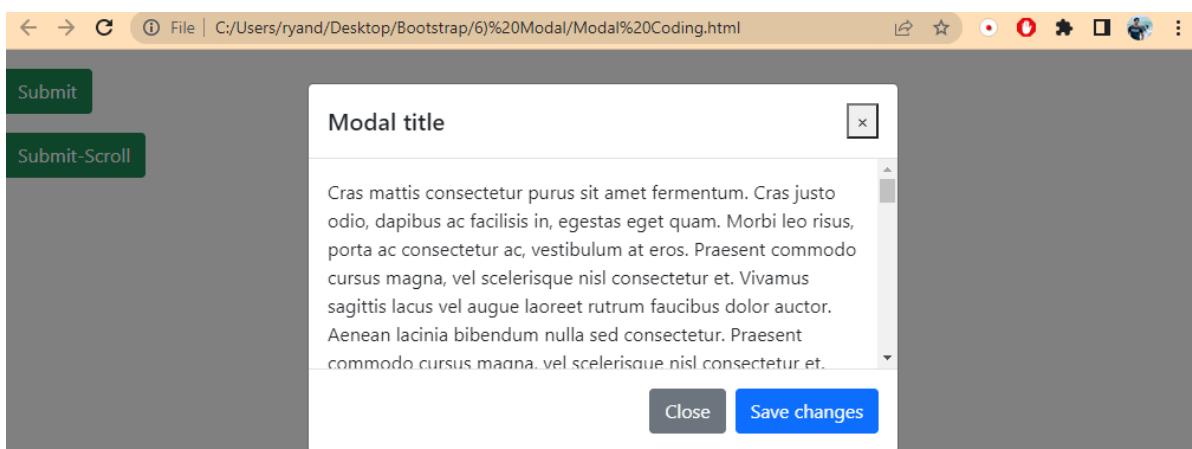
          Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi leo risus, porta ac consectetur ac, vestibulum at eros.

          Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor.

          Aenean lacinia bibendum nulla sed consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.

        </p>
      </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>
```

Only change part



Vertically Aligned Model

```
<!-- Vertically Aligned Model -->

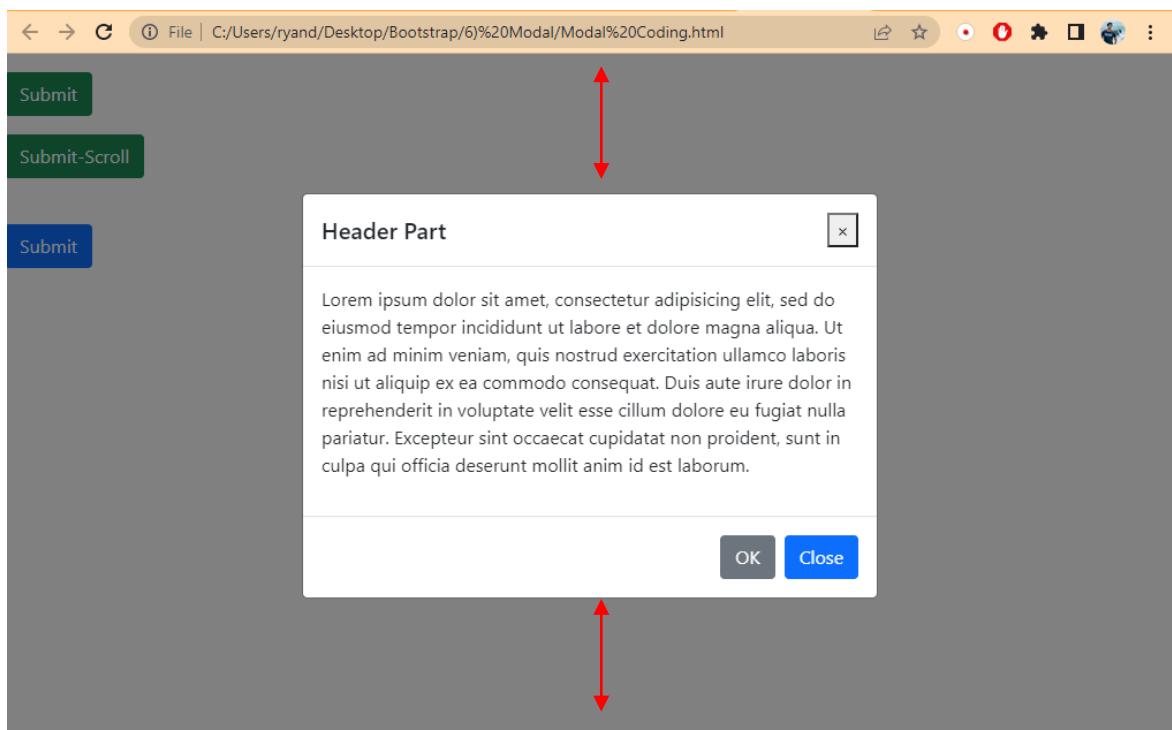
<!-- Button -->
<button class="btn btn-primary" mt-3" data-toggle="modal" data-target="#Ryan3"> Submit-Vertical Align </button>

<!-- Modal Code -->
<div class="modal fade" tabindex=-1 role="dialog" id="Ryan3">
  <div class="modal-dialog modal-dialog-centered" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title"> Header Part </h5>
        <button type="button" class="close" data-dismiss="modal" aria-label="close">
          <span aria-hidden="true">&times;</span>
        </button>
      </div>

      <div class="modal-body">
        <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
      </div>

      <div class="modal-footer">
        <button type="button" class="btn btn-secondary" data-dismiss="modal"> OK </button>
        <button type="button" class="btn btn-primary" data-dismiss="modal"> Close </button>
      </div>
    </div>
  </div>
</div>
```

Only change part



Different Size Models

```
<!-- Small Model -->

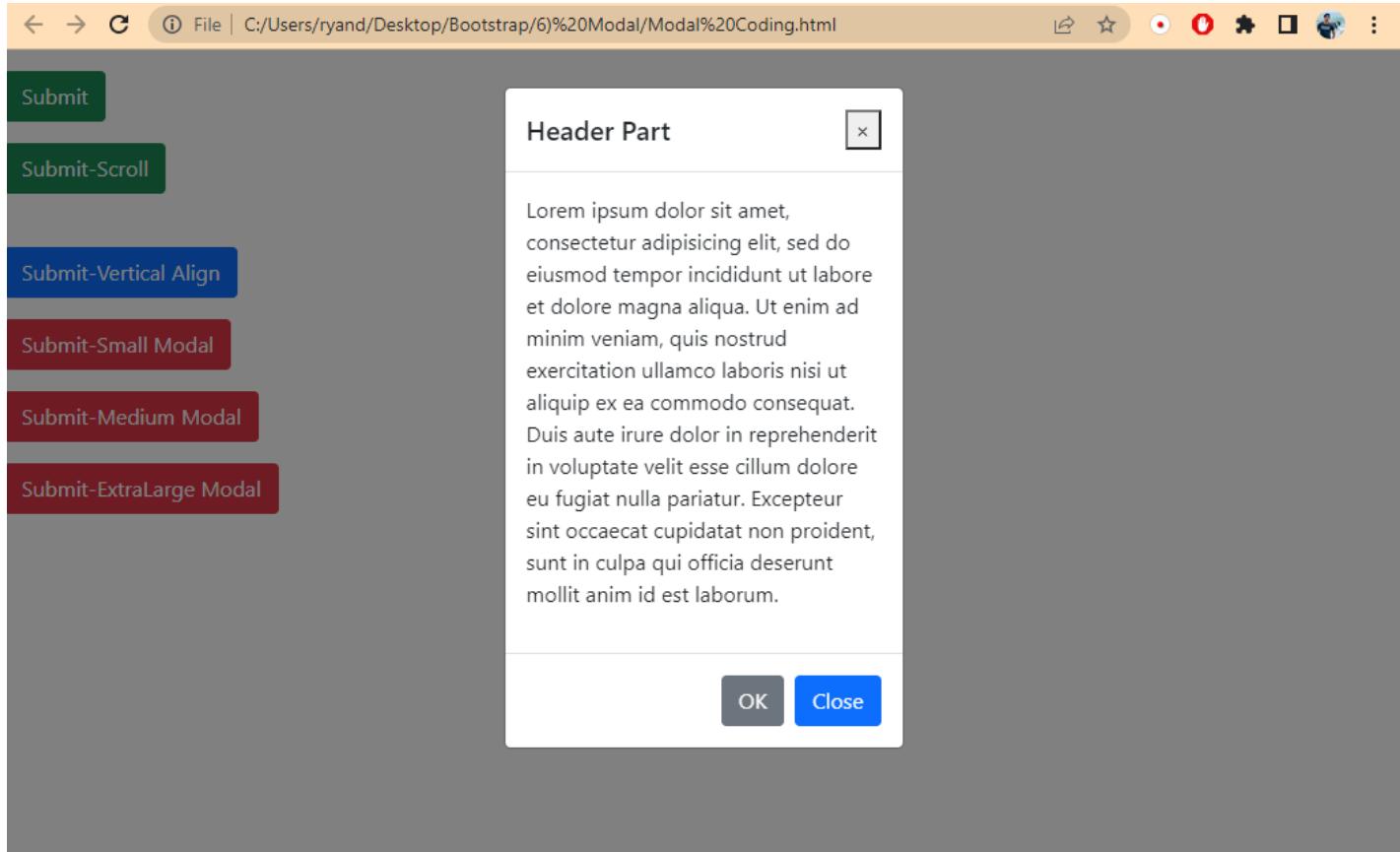
<!-- Button -->
<button class="btn btn-danger mt-3" data-toggle="modal" data-target="#sm"> Submit-Small Modal </button>

<!-- Modal Code -->
<div class="modal fade" tabindex="-1" role="dialog" id="sm">
  <div class="modal-dialog modal-sm" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title"> Header Part </h5>
        <button type="button" class="close" data-dismiss="modal" aria-label="close">
          <span aria-hidden="true">&times;</span>
        </button>
      </div>

      <div class="modal-body">
        <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
      </div>

      <div class="modal-footer">
        <button type="button" class="btn btn-secondary" data-dismiss="modal"> OK </button>
        <button type="button" class="btn btn-primary" data-dismiss="modal"> Close </button>
      </div>
    </div>
  </div>
<br><br>
```

Only change part



```

<!-- Medium Model -->

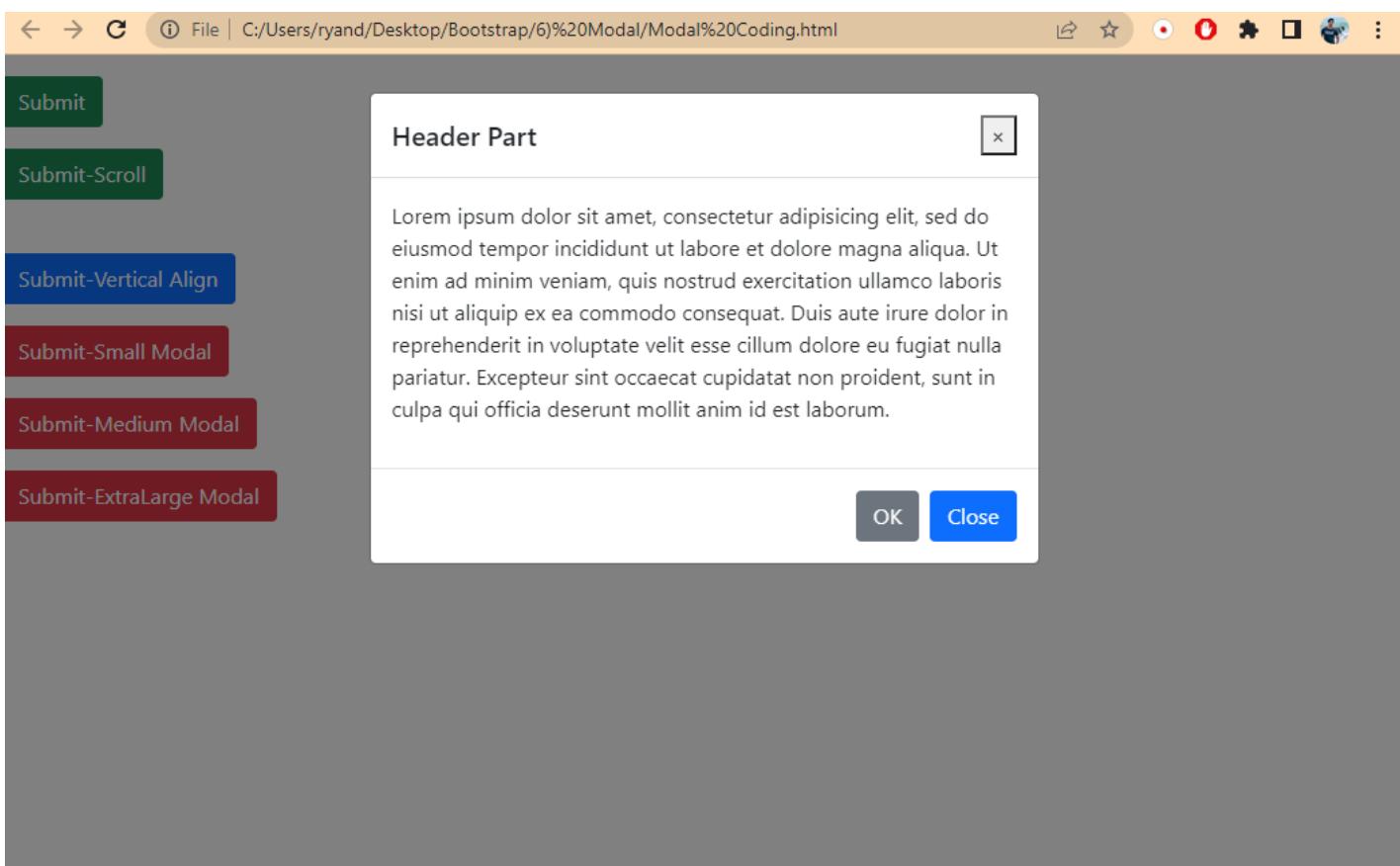
<!-- Button -->
<button class="btn btn-danger" mt-3" data-toggle="modal" data-target="#md"> Submit-Medium Modal </button>

<!-- Modal Code -->
<div class="modal fade" tabindex=-1 role="dialog" id="md">
  <div class="modal-dialog modal-md" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title"> Header Part </h5>
        <button type="button" class="close" data-dismiss="modal" aria-label="close">
          <span aria-hidden="true">&times;</span>
        </button>
      </div>

      <div class="modal-body">
        <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
      </div>

      <div class="modal-footer">
        <button type="button" class="btn btn-secondary" data-dismiss="modal"> OK </button>
        <button type="button" class="btn btn-primary" data-dismiss="modal"> Close </button>
      </div>
    </div>
  </div>
<br><br>

```



```

<!-- ExtraLarge Model -->

<!-- Button -->
<button class="btn btn-danger" mt-3" data-toggle="modal" data-target="#xl"> Submit-ExtraLarge Modal </button>

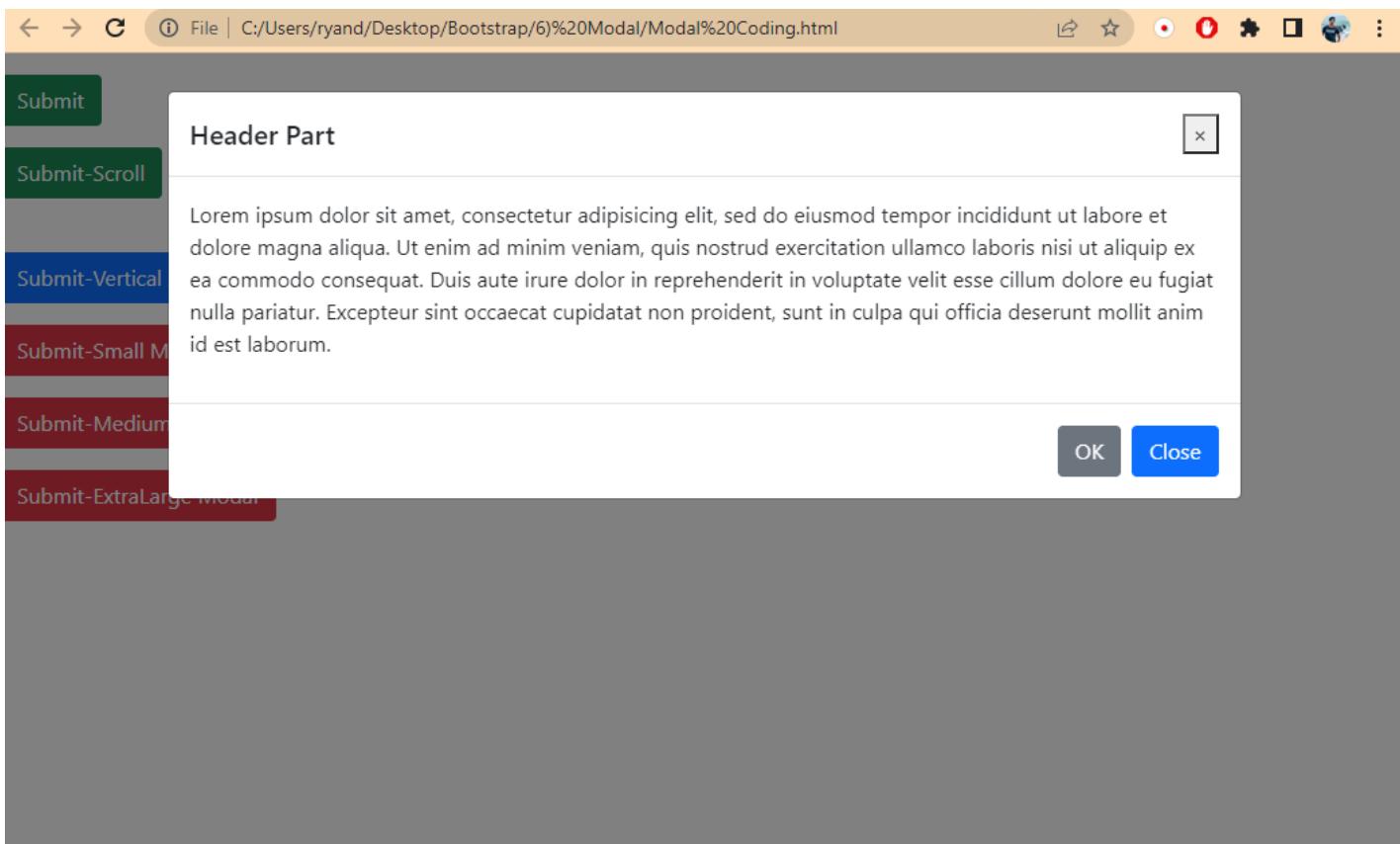
<!-- Modal Code -->
<div class="modal fade" tabindex="-1" role="dialog" id="xl">
  <div class="modal-dialog modal-xl" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title"> Header Part </h5>
        <button type="button" class="close" data-dismiss="modal" aria-label="close">
          <span aria-hidden="true">&times;</span>
        </button>
      </div>

      <div class="modal-body">
        <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
      </div>

      <div class="modal-footer">
        <button type="button" class="btn btn-secondary" data-dismiss="modal"> OK </button>
        <button type="button" class="btn btn-primary" data-dismiss="modal"> Close </button>
      </div>
    </div>
  </div>
</div>

```

Only change part



Coding

```
1  <!DOCTYPE html>
2
3  <html lang = "en">
4
5  <head>
6
7      <!-- Required meta tags -->
8      <meta charset = "UTF-8">
9      <meta name="viewport" content="width=device-width, initial-scale=1">
10
11     <title> Bootstrap Coding </title>
12
13     <!-- Bootstrap CSS -->
14     <link rel = "stylesheet" href="css/bootstrap.css">
15
16 </head>
17
18
19
20 <body>
21
22     <!-- Normal Basic Modal -->
23
24     <!-- Button -->
25     <p>Normal Basic Modal</p>
26     <button class="btn btn-success" data-toggle="modal" data-target="#Ryan"> Submit </button>
27
28
29     <!-- Modal Code -->
30     <div class="modal fade" tabindex=-1 role="dialog" id="Ryan">
31         <div class="modal-dialog" role="document">
32             <div class="modal-content">
33
34                 <div class="modal-header">
35                     <h5 class="modal-title"> Header Part </h5>
36                     <button type="button" class="close" data-dismiss="modal" aria-label="close">
37                         <span aria-hidden="true">&times;</span>
38                     </button>
39                 </div>
40
41                 <div class="modal-body">
42                     <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
43                         tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
44                         quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo
45                         consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse
46                         cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non
47                         proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
48                 </div>
49
50                 <div class="modal-footer">
51                     <button type="button" class="btn btn-secondary" data-dismiss="modal"> OK </button>
52                     <button type="button" class="btn btn-primary" data-dismiss="modal"> Close </button>
53                 </div>
54             </div>
55         </div>
56     </div>
57
58     <br><br>
59
60     <!-- Long Scrollable Modal -->
61
62
```

```

63  <!-- Button for Scroll Modal -->
64  <p>Long Scrollable Modal</p>
65  <button class="btn btn-success" data-toggle="modal" data-target="#Ryan2"> Submit-Scroll </button>
66
67
68  <!-- Modal scroll content-->
69  <div class="modal fade" tabindex="-1" role="dialog" id="Ryan2">
70    <div class="modal-dialog modal-dialog-scrollable" role="document">
71      <div class="modal-content">
72        <div class="modal-header">
73          <h5 class="modal-title">Modal title</h5>
74          <button type="button" class="close" data-dismiss="modal" aria-label="Close">
75            <span aria-hidden="true">&times;</span>
76          </button>
77        </div>
78        <div class="modal-body">
79
80          <p>
81            Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi
82            leo risus, porta ac consectetur ac, vestibulum at eros.
83
84            Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum
85            faucibus dolor auctor.
86
87            Aenean lacinia bibendum nulla sed consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et.
88            Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.
89
90            Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi
91            leo risus, porta ac consectetur ac, vestibulum at eros.
92
93            Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum
94            faucibus dolor auctor.
95
96            Aenean lacinia bibendum nulla sed consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et.
97            Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.
98
99            Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi
100           leo risus, porta ac consectetur ac, vestibulum at eros.
101
102           Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum
103           faucibus dolor auctor.
104
105           Aenean lacinia bibendum nulla sed consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et.
106           Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.
107
108           Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi
109           leo risus, porta ac consectetur ac, vestibulum at eros.

```

```

109     Aenean lacinia bibendum nulla sed consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et.  

110     Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.  

111  

112     Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi  

113     leo risus, porta ac consectetur ac, vestibulum at eros.  

114  

115     Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum  

116     faucibus dolor auctor.  

117         </p>  

118     </div>  

119     <div class="modal-footer">  

120         <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>  

121         <button type="button" class="btn btn-primary">Save changes</button>  

122     </div>  

123 </div>  

124  

125 <br><br>  

126  

127     <!-- Vertically Aligned Model -->  

128  

129     <!-- Button -->  

130     <p> Vertically Aligned Model</p>  

131     <button class="btn btn-primary" data-toggle="modal" data-target="#Ryan3"> Submit-Vertical Align </button>  

132  

133  

134     <!-- Modal Code -->  

135     <div class="modal fade" tabindex=-1 role="dialog" id="Ryan3">  

136         <div class="modal-dialog modal-dialog-centered" role="document">  

137             <div class="modal-content">  

138  

139                 <div class="modal-header">  

140                     <h5 class="modal-title"> Header Part </h5>  

141                     <button type="button" class="close" data-dismiss="modal" aria-label="close">  

142                         <span aria-hidden="true">&times;</span>  

143                     </button>  

144                 </div>  

145  

146                 <div class="modal-body">  

147                     <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod  

148                     tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,  

149                     quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo  

150                     consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse  

151                     cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non  

152                     proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>  

153                 </div>  

154  

155                 <div class="modal-footer">  

156                     <button type="button" class="btn btn-secondary" data-dismiss="modal"> OK </button>  

157                     <button type="button" class="btn btn-primary" data-dismiss="modal"> Close </button>  

158                 </div>  

159             </div>  

160         </div>  

161     </div>  

162     <br><br><br><br>

```

```

166      <!-- Small Model -->
167
168      <!-- Button -->
169      <p> Small Model</p>
170      <button class="btn btn-danger" data-toggle="modal" data-target="#sm"> Submit-Small Modal </button>
171
172
173
174      <!-- Modal Code -->
175      <div class="modal fade" tabindex=-1 role="dialog" id="sm">
176          <div class="modal-dialog modal-sm" role="document">
177              <div class="modal-content">
178
179                  <div class="modal-header">
180                      <h5 class="modal-title"> Header Part </h5>
181                      <button type="button" class="close" data-dismiss="modal" aria-label="close">
182                          <span aria-hidden="true">&times;</span>
183                      </button>
184                  </div>
185
186                  <div class="modal-body">
187                      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
188                          tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
189                          quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo
190                          consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse
191                          cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non
192                          proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
193                  </div>
194
195                  <div class="modal-footer">
196                      <button type="button" class="btn btn-secondary" data-dismiss="modal"> OK </button>
197                      <button type="button" class="btn btn-primary" data-dismiss="modal"> Close </button>
198                  </div>
199
200          </div>
201      </div>
202
203      <br><br>
204
205
206      <!-- Medium Model -->
207
208      <!-- Button -->
209      <p> Medium Model</p>
210      <button class="btn btn-danger" data-toggle="modal" data-target="#md"> Submit-Medium Modal </button>
211
212
213      <!-- Modal Code -->
214      <div class="modal fade" tabindex=-1 role="dialog" id="md">
215          <div class="modal-dialog modal-md" role="document">
216              <div class="modal-content">
217
218                  <div class="modal-header">
219                      <h5 class="modal-title"> Header Part </h5>
220                      <button type="button" class="close" data-dismiss="modal" aria-label="close">
221                          <span aria-hidden="true">&times;</span>
222                      </button>
223                  </div>
224
225                  <div class="modal-body">
226                      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
227                          tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
```

```

220      <p>Consequatur adipisci et, sed do eiusmod  

221      tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,  

222      quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo  

223      consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse  

224      cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non  

225      proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
226  </div>
227
228  <div class="modal-footer">
229      <button type="button" class="btn btn-secondary" data-dismiss="modal"> OK </button>
230      <button type="button" class="btn btn-primary" data-dismiss="modal"> Close </button>
231  </div>
232  </div>
233</div>
234<br><br>
235
236
237
238
239
240
241
242
243
244
245    <!-- ExtraLarge Model -->
246
247    <!-- Button -->
248    <p> ExtraLarge Model</p>
249    <button class="btn btn-danger" data-toggle="modal" data-target="#xl"> Submit-ExtraLarge Modal </button>
250
251
252    <!-- Modal Code -->
253    <div class="modal fade" tabindex=-1 role="dialog" id="xl">
254        <div class="modal-dialog modal-xl" role="document">
255            <div class="modal-content">
256
257                <div class="modal-header">
258                    <h5 class="modal-title"> Header Part </h5>
259                    <button type="button" class="close" data-dismiss="modal" aria-label="close">
260                        <span aria-hidden="true">&times;</span>
261                    </button>
262                </div>
263
264                <div class="modal-body">
265                    <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod  

266                    tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,  

267                    quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo  

268                    consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse  

269                    cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non  

270                    proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
271            </div>
272
273                <div class="modal-footer">
274                    <button type="button" class="btn btn-secondary" data-dismiss="modal"> OK </button>
275                    <button type="button" class="btn btn-primary" data-dismiss="modal"> Close </button>
276                </div>
277            </div>
278        </div>
279    </div>
280
281
282
283
284    <!-- Optional JavaScript -->
285    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
286    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abk41JStQIAqVgRVzbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
287    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abk41JStQIAqVgRVzbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
288
289    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.6/dist/umd/popper.min.js" integrity="sha384-wHAiFfRlMFy6i5SRaxvfOCifBUQy1xHdJ/y0i7FRNMRBu5WHDZYU1hA6Z0blgut" crossorigin="anonymous"></script>
290
291    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.2.1/dist/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymous"></script>
292
293
294
295</body>
296
297
298
299</html>

```

```

<!DOCTYPE html>

<html lang ="en">

<head>

    <!-- Required meta tags -->
    <meta charset ="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel ="stylesheet" href="css/bootstrap.css">

</head>

<body>

    <!-- Normal Basic Modal -->

    <!-- Button -->
    <p>Normal Basic Modal</p>
    <button class="btn      btn-success"      data-toggle="modal"      data-
target="#Ryan">Submit </button>

    <!-- Modal Code -->
    <div class="modal fade"          tabindex=-1          role="dialog"
id="Ryan">
        <div class="modal-dialog"      role="document">
            <div class="modal-content">

                <div class="modal-header">
                    <h5 class="modal-title"> Header Part </h5>
                    <button type=""button class="close" data-
dismiss="modal" aria-label="close">
                        <span    aria-
hidden="true">&times;</span>
                    </button>
                </div>

                <div class="modal-body">
                    <p>Lorem ipsum dolor sit amet, consectetur
tempor incididunt ut labore et dolore magna
quis nostrud exercitation ullamco laboris nisi
consequat. Duis aute irure dolor in
cillum dolore eu fugiat nulla pariatur.
Proident, sunt in culpa qui officia deserunt
mollit anim id est laborum.</p>
                </div>

                <div class="modal-footer">
                    <button type=""button class="btn      btn-
secondary"      data-dismiss="modal"> OK
                    </button>
                </div>
            </div>
        </div>
    </div>
</body>

```

```

        <button type="" button class="btn      btn-
primary"      data-dismiss="modal"> Close </button>
        </div>
    </div>
</div>

<br><br>

<!-- Long Scrollable Modal -->

<!-- Button for Scroll Modal -->
<p>Long Scrollable Modal</p>
<button class="btn      btn-success"      data-toggle="modal"      data-
target="#Ryan2"> Submit-Scroll </button>

<!-- Modal scroll content-->
<div class="modal fade" tabindex="-1"      role="dialog" id="Ryan2">
    <div class="modal-dialog modal-dialog-scrollable" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title">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">

                <p>
                    Cras mattis consectetur purus sit amet
                    fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi leo
                    risus, porta ac consectetur ac, vestibulum at eros.
                <p>
                    Praesent commodo cursus magna, vel
                    scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum
                    faucibus dolor auctor.
                <p>
                    Aenean lacinia bibendum nulla sed
                    consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et.
                    Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.
                <p>
                    Cras mattis consectetur purus sit amet
                    fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi leo
                    risus, porta ac consectetur ac, vestibulum at eros.
                <p>
                    Praesent commodo cursus magna, vel
                    scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum
                    faucibus dolor auctor.
                <p>
                    Aenean lacinia bibendum nulla sed
                    consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et.
                    Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.
                <p>
                    Cras mattis consectetur purus sit amet
                    fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi leo
                    risus, porta ac consectetur ac, vestibulum at eros.

```

Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor.

Aenean lacinia bibendum nulla sed consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.

Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi leo risus, porta ac consectetur ac, vestibulum at eros.

Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor.

Aenean lacinia bibendum nulla sed consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.

Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi leo risus, porta ac consectetur ac, vestibulum at eros.

Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor.

Aenean lacinia bibendum nulla sed consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.

Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Morbi leo risus, porta ac consectetur ac, vestibulum at eros.

Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor.

Aenean lacinia bibendum nulla sed consectetur. Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Donec sed odio dui. Donec ullamcorper nulla non metus auctor fringilla.

```
</p>
</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>
<br><br>

<!-- Vertically Aligned Model -->

<!-- Button -->
<p> Vertically Aligned Model</p>
```

```

<button class="btn      btn-primary"      data-toggle="modal"      data-
target="#Ryan3">      Submit-Vertical Align </button>


<div class="modal fade"          tabindex=-1          role="dialog"
id="Ryan3">
    <div class="modal-dialog modal-dialog-centered"      role="document">
        <div class="modal-content">

            <div class="modal-header">
                <h5 class="modal-title"> Header Part </h5>
                <button type=""button class="close" data-
dismiss="modal" aria-label="close">
                    <span aria-
hidden="true">&times;</span>
                </button>
            </div>

            <div class="modal-body">
                <p>Lorem ipsum dolor sit amet, consectetur
adipisicing elit, sed do eiusmod
aliqua. Ut enim ad minim veniam,
ut aliquip ex ea commodo
reprehenderit in voluptate velit esse
Excepteur sint occaecat cupidatat non
mollit anim id est laborum.</p>
            </div>

            <div class="modal-footer">
                <button type=""button class="btn      btn-
secondary" data-dismiss="modal"> OK </button>
                <button type=""button class="btn      btn-
primary" data-dismiss="modal"> Close </button>
            </div>
        </div>
    </div>
<br><br><br><br>


<!-- Button -->
<p> Small Model</p>
<button class="btn      btn-danger"      data-toggle="modal"      data-
target="#sm"> Submit-Small Modal </button>


<div class="modal fade"          tabindex=-1          role="dialog"
id="sm">
    <div class="modal-dialog modal-sm"      role="document">
        <div class="modal-content">

            <div class="modal-header">

```

```

        <h5 class="modal-title"> Header Part </h5>
        <button type="" button class="close" data-
dismiss="modal" aria-label="close">
            <span> aria-
hidden="true" &times; </span>
        </button>
    </div>

    <div class="modal-body">
        <p>Lorem ipsum dolor sit amet, consectetur
adipisicing elit, sed do eiusmod
aliqua. Ut enim ad minim veniam,
ut aliquip ex ea commodo
reprehenderit in voluptate velit esse
Excepteur sint occaecat cupidatat non
mollit anim id est laborum.</p>
    </div>

    <div class="modal-footer">
        <button type="" button class="btn      btn-
secondary" data-dismiss="modal"> OK </button>
        <button type="" button class="btn      btn-
primary" data-dismiss="modal"> Close </button>
    </div>
</div>

<br><br>

<!-- Medium Model -->

<!-- Button -->
<p> Medium Model</p>
<button class="btn      btn-danger" data-toggle="modal" data-
target="#md"> Submit-Medium Modal </button>

<!-- Modal Code -->
<div class="modal fade" tabindex=-1 role="dialog"
id="md">
    <div class="modal-dialog modal-md" role="document">
        <div class="modal-content">

            <div class="modal-header">
                <h5 class="modal-title"> Header Part </h5>
                <button type="" button class="close" data-
dismiss="modal" aria-label="close">
                    <span> aria-
hidden="true" &times; </span>
                </button>
            </div>

            <div class="modal-body">
                <p>Lorem ipsum dolor sit amet, consectetur
adipisicing elit, sed do eiusmod

```

```

aliqua. Ut enim ad minim veniam,
ut aliquip ex ea commodo
reprehenderit in voluptate velit esse
Excepteur sint occaecat cupidatat non
mollit anim id est laborum.</p>
</div>

<div class="modal-footer">
  <button type="" button class="btn      btn-
secondary" data-dismiss="modal"> OK </button>
  <button type="" button class="btn      btn-
primary" data-dismiss="modal"> Close </button>
</div>
</div>
<br><br>

<!-- ExtraLarge Model -->

<!-- Button -->
<p> ExtraLarge Model</p>
<button class="btn      btn-danger"      data-toggle="modal"      data-
target="#xl"> Submit-ExtraLarge Modal </button>

<!-- Modal Code -->
<div class="modal fade"          tabindex=-1      role="dialog"
id="xl">
  <div class="modal-dialog modal-xl"      role="document">
    <div class="modal-content">

      <div class="modal-header">
        <h5 class="modal-title"> Header Part </h5>
        <button type="" button class="close"      data-
dismiss="modal" aria-label="close">
          <span aria-
hidden="true">&times;</span>
        </button>
      </div>

      <div class="modal-body">
        <p>Lorem ipsum dolor sit amet, consectetur
adipisicing elit, sed do eiusmod
aliqua. Ut enim ad minim veniam,
ut aliquip ex ea commodo
reprehenderit in voluptate velit esse
Excepteur sint occaecat cupidatat non
mollit anim id est laborum.</p>
    </div>

```

```

        <div class="modal-footer">
            <button type="button" class="btn btn-secondary" data-dismiss="modal"> OK </button>
            <button type="button" class="btn btn-primary" data-dismiss="modal"> Close </button>
        </div>
    </div>
</div>



<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abTE1Pi6jizo"
crossorigin="anonymous"></script>

<script
src="https://cdn.jsdelivr.net/npm/popper.js@1.14.6/dist/umd/popper.min.js"
integrity="sha384-wHAiFFRlMFy6i5SRaxvfOCifBUQylxHdJ/yoi7FRNMRBu5WHdZYulhA6ZObIgut"
crossorigin="anonymous"></script>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.2.1/dist/js/bootstrap.min.js"
integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hclog6Ls7i6U/mkkaduKaBhlAXv9k"
crossorigin="anonymous"></script>

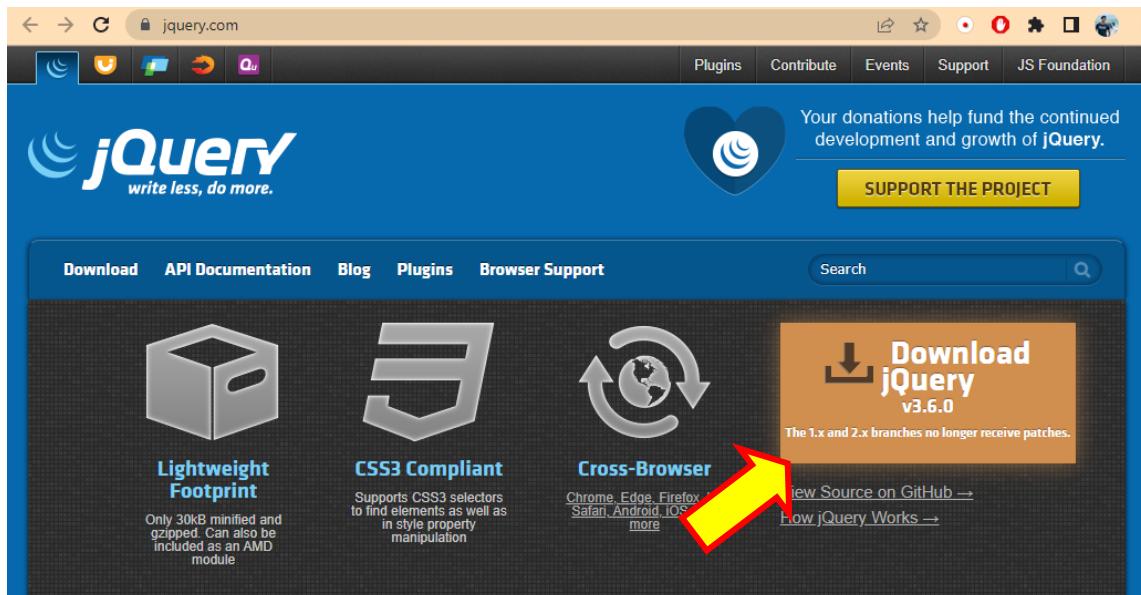
</body>

</html>
```

Carousel

Linking downloaded jQuery and Bootstrap files

Go to JQuery.com then go to Download.



Then click the uncompressed jQuery slim build.

jQuery

For help when upgrading jQuery, please see the [upgrade guide](#) most relevant to your version. We also recommend using the [jQuery Migrate plugin](#).

[Download the compressed, production jQuery 3.6.0](#)

[Download the uncompressed, development jQuery 3.6.0](#)

[Download the map file for jQuery 3.6.0](#)

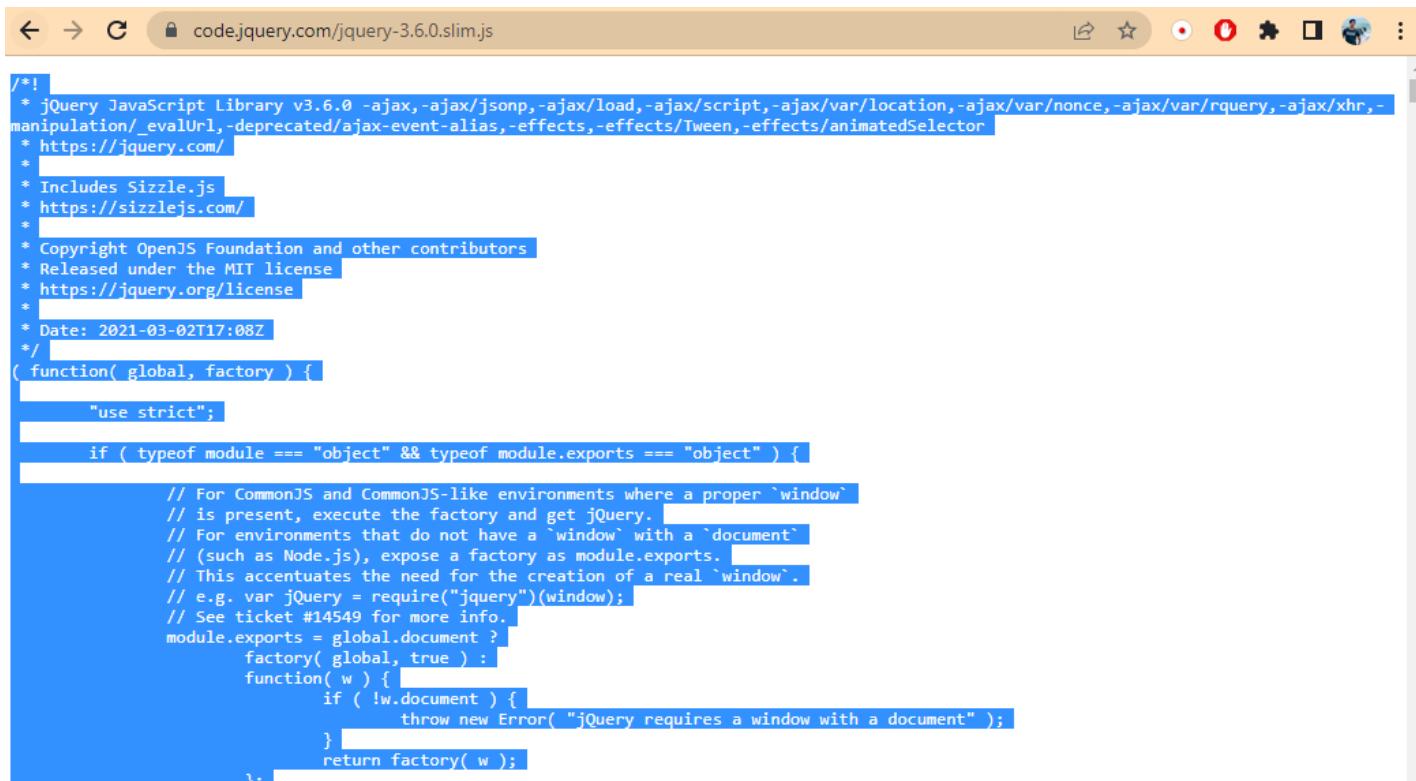
You can also use the slim build, which excludes the [ajax](#) and [effects](#) modules:

[Download the compressed, production jQuery 3.6.0 slim build](#)

[Download the uncompressed, development jQuery 3.6.0 slim build](#)

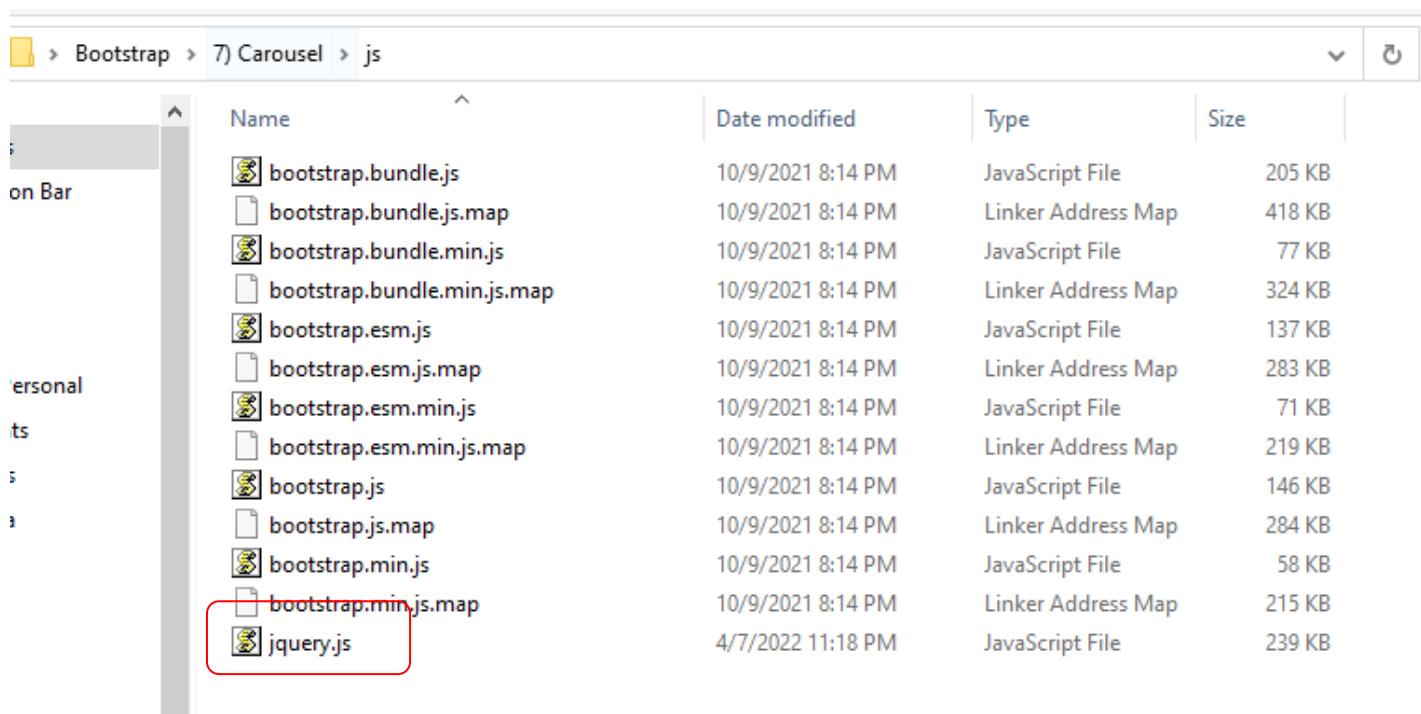
Then copy all the data and paste in Sublime Text. Then Save in JS folder which we got from Bootstrap source code files and save it as any name you like. I prefer JQuery.js

Remember the file extension is .js



The screenshot shows a browser window with the URL `code.jquery.com/jquery-3.6.0.slim.js`. The page content displays the source code of the jQuery library. The code includes copyright notices, license information, and a factory function for creating the jQuery object. A portion of the code is highlighted with a red rectangle.

```
/*!
 * jQuery JavaScript Library v3.6.0 -ajax,-ajax/jsonp,-ajax/load,-ajax/script,-ajax/var/location,-ajax/var/nonce,-ajax/var/rquery,-ajax/xhr,-
 * manipulation/_evalUrl,-deprecated/ajax-event-alias,-effects,-effects/Tween,-effects/animatedSelector
 * https://jquery.com/
 *
 * Includes Sizzle.js
 * https://sizzlejs.com/
 *
 * Copyright OpenJS Foundation and other contributors
 * Released under the MIT license
 * https://jquery.org/license
 *
 * Date: 2021-03-02T17:08Z
 */
(function( global, factory ) {
    "use strict";
    if ( typeof module === "object" && typeof module.exports === "object" ) {
        // For CommonJS and CommonJS-like environments where a proper `window`
        // is present, execute the factory and get jQuery.
        // For environments that do not have a `window` with a `document`
        // (such as Node.js), expose a factory as module.exports.
        // This accentuates the need for the creation of a real `window`.
        // e.g. var jQuery = require("jquery")(window);
        // See ticket #14549 for more info.
        module.exports = global.document ?
            factory( global, true ) :
            function( w ) {
                if ( !w.document ) {
                    throw new Error( "jQuery requires a window with a document" );
                }
                return factory( w );
            };
    }
})
```



The screenshot shows a file explorer window with the path `Bootstrap > 7) Carousel > js`. The table below lists the files in this folder.

	Name	Date modified	Type	Size
on Bar	bootstrap.bundle.js	10/9/2021 8:14 PM	JavaScript File	205 KB
	bootstrap.bundle.js.map	10/9/2021 8:14 PM	Linker Address Map	418 KB
ersonal	bootstrap.bundle.min.js	10/9/2021 8:14 PM	JavaScript File	77 KB
ts	bootstrap.bundle.min.js.map	10/9/2021 8:14 PM	Linker Address Map	324 KB
s	bootstrap.esm.js	10/9/2021 8:14 PM	JavaScript File	137 KB
	bootstrap.esm.js.map	10/9/2021 8:14 PM	Linker Address Map	283 KB
	bootstrap.esm.min.js	10/9/2021 8:14 PM	JavaScript File	71 KB
	bootstrap.esm.min.js.map	10/9/2021 8:14 PM	Linker Address Map	219 KB
	bootstrap.js	10/9/2021 8:14 PM	JavaScript File	146 KB
	bootstrap.js.map	10/9/2021 8:14 PM	Linker Address Map	284 KB
	bootstrap.min.js	10/9/2021 8:14 PM	JavaScript File	58 KB
	bootstrap.min.js.map	10/9/2021 8:14 PM	Linker Address Map	215 KB
	jquery.js	4/7/2022 11:18 PM	JavaScript File	239 KB

Then in the HTML file link the JQuery File and Bootstrap file as below.

```
<!DOCTYPE html>

<html lang = "en">

<head>

    <!-- Required meta tags -->
    <meta charset = "UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel = "stylesheet" href="css/bootstrap.css">

</head>

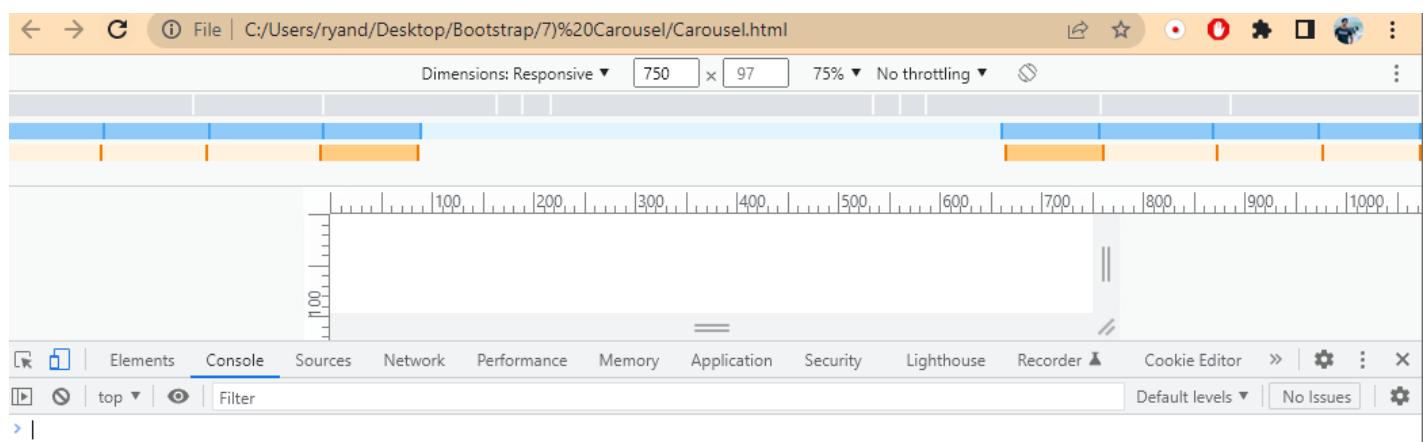
<body>

    <!-- Optional JavaScript -->
    <!-- jQuery first, then Bootstrap JS -->
    <script type="js/jquery.js"></script>
    <script type="js/bootstrap.js"></script>

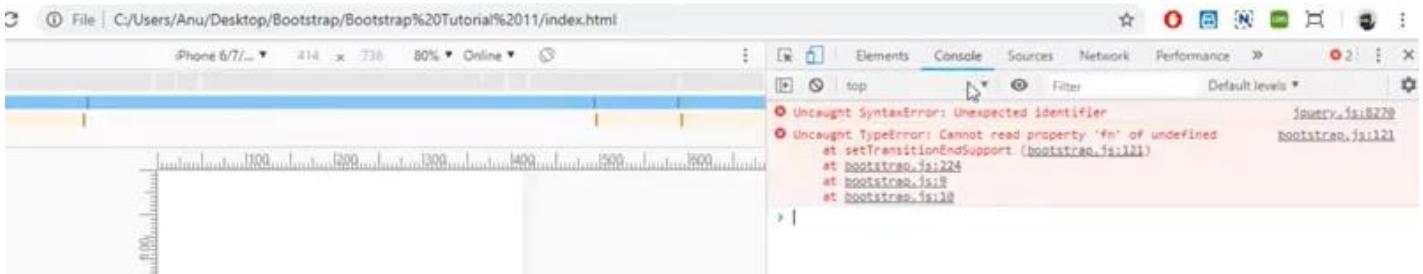
</body>

</html>
```

To check the linkage, inspect the html page and go to console. If there is no error, the linkage is success.



If there is any error like below go to jQuery page again.



Then rather than saving uncompressed jQuery slim build, redo the same procedure with compressed file.

jQuery

For help when upgrading jQuery, please see the [upgrade guide](#) most relevant to your version. We also recommend using the [jQuery Migrate plugin](#).

[Download the compressed,.production jQuery 3.6.0](#)

[Download the uncompressed, development jQuery 3.6.0](#)

[Download the map file for jQuery 3.6.0](#)

You can also use the slim build, which excludes the [ajax](#) and [effects](#) modules:

[Download the compressed,.production jQuery 3.6.0 slim build](#)

[Download the uncompressed, development jQuery 3.6.0 slim build](#)

```
/*! jQuery v3.6.0 -ajax,-ajax/jsonp,-ajax/load,-ajax/script,-ajax/var/location,-ajax/var/nonce,-ajax/var/rquery,-ajax/xhr,-manipulation/_evalUrl,-deprecated/ajax-event-alias,-effects,-effects/Tween,-effects/animatedSelector | (c) OpenJS Foundation and other contributors | jquery.org/license */
function(e,t){"use strict";"object"==typeof module&&"object"==typeof module.exports?module.exports=e.document:t(e)!>function(e){if(!e.document)throw new Error("jQuery requires a window with a document");return t(e)!>t(e)}("undefined"!=typeof window?window:this,function(g,e){"use strict";var t=[],r=Object.getPrototypeOf,s=t.slice,v=t.flat?function(e){return t.flat.call(e)}:function(e){return t.concat.apply([],e)},u=t.push,i=t.indexOf,n={},o=n.toString,y=n.hasOwnProperty,a=y.toString,l=a.call(Object),m={},b=function(e){"return"=="function"==typeof e&&"number"!=typeof e.nodeType&&"function"!=typeof e.item},x=function(e){return null!=e&&e==e.window},w=g.document,c={type:!0,src:!0,nonce:!0,noModule:!0};function C(e,t,n){var r,i,o=(n=n||w).createElement("script");if(o.text=e,t){for(r in c){(i=t[r])||(t.getAttribute&&t.getAttribute(r))&&o.setAttribute(r,i);n.head.appendChild(o).parentNode.removeChild(o)}}function T(e){return null==e?"":e;"object"==typeof e||"function"==typeof e?n[o.call(e)]||"object"==typeof e?var f="3.6.0 -ajax,-ajax/jsonp,-ajax/load,-ajax/script,-ajax/var/location,-ajax/var/nonce,-ajax/var/rquery,-ajax/xhr,-manipulation/_evalUrl,-deprecated/ajax-event-alias,-effects,-effects/Tween,-effects/animatedSelector",E=function(e,t){return new E.fn.init(e,t)}:function d(e){var t=!!e&&"length"in e&&e.length,n=T(e);return!b(e)&&"array"===""||0==t||"number"==typeof t&&0<t&&t<1}in e)E.fn=E.prototype=[jquery:f,constructor:E,length:0,toArray:function(){return s.call(this)},get:function(e){return null==e?s.call(this):e<0?this[e+this.length]:this[e]},pushStack:function(e){var t=E.merge(this.constructor(),e);return t.prevObject=this.t,each:function(e){return E.each(this,e)},map:function(n){return this.pushStack(E.map(this,function(e,t){return n.call(e,t,e)}))},slice:function(){return this.pushStack(s.apply(this,arguments))},first:function(){return this.eq(0)},last:function(){return this.eq(-1)},even:function(){return this.pushStack(E.grep(this,function(e,t){return(t+1)%2==0}))},odd:function(){return this.pushStack(E.grep(this,function(e,t){return t%2}))},eq:function(e){var t=this.length,n=e+(e<0?t:0);return this.pushStack(0<=n&&n<t?[this[n]]:[]),end:function(){return this.prevObject||this.constructor()},push:u,sort:t.sort,splice:t.splice,E.extend=E.fn.extend=function(){var e,t,n,r,i,o,a=arguments[0]||{},s=1,u=arguments.length,l=!1;for("boolean"==typeof a&&(l=a,a=arguments[s]||[],s++),"object"==typeof a||b(a)||!(a=={}),s==u&&(a=this,s-=1);s<u;s++)if(null==(e=arguments[s]))for(t in e){e[t]=a[t],"__proto__"!=t&&!r&&(l&&&E.isPlainObject(r))||(i=Array.isArray(r))?(n=a[t],o=i&&Array.isArray(n)?[i]:E.isPlainObject(n)?n:{},i-=1,a[t]=E.extend(l,o)):void 0!=r&&(a[t]=r));return a},E.extend({expand:o:"jQuery"+(f+Math.random()).replace(/\D/g,""),isReady:!0,error:function(e){throw new Error(e)},noop:function(){}},isPlainObject:function(e){var t,n;return(!e||"[object Object]"!=e.call(e))&&(!t=e.call(e))||"function"==typeof e||call(t,"constructor")&&a.call(e)==-1||isEmtpyObject:function(e){var t=for(t in
```

Basic Carousel

Save the images in image folder in 700x250 sizes.

Otherwise, Carousel Images sizes would be vary.

```
<body>
    <!-- Basic Carousel -->

    <div class="container-fluid">
        <div class="carousel slide" data-bs-ride="carousel">
            <div class="carousel-inner">
                <div class="carousel-item active">
                    
                </div>
                <div class="carousel-item">
                    
                </div>
                <div class="carousel-item">
                    
                </div>
            </div>
        </div>
    </div>

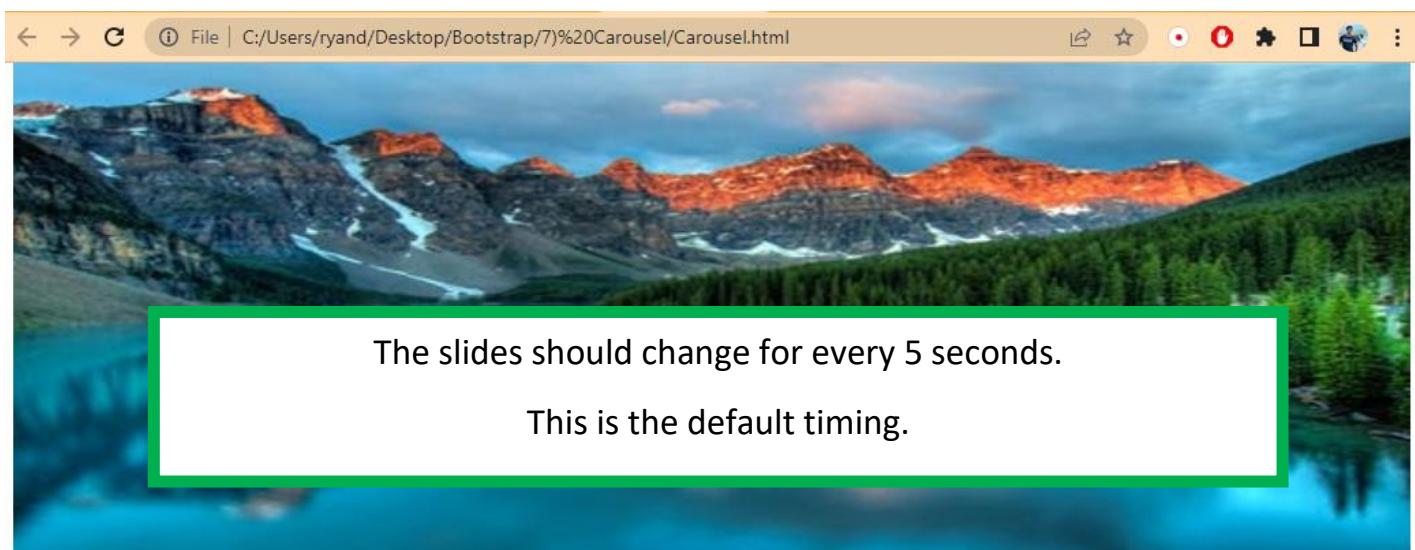
    <!-- Optional JavaScript -->
    <!-- jQuery first, then Bootstrap JS -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQn1KT1wXgYsOg+OMhuP+IlRH9sENB00LRn5q+8nbTov4+lP" crossorigin="anonymous"></script>
</body>
```

In the Carousel Inner we save the carousel items

1st item we can see

Note the presence of the .d-block and .w-100 on carousel images to prevent browser default image alignment.

The code was correct, but I had to give Bootstrap V5.1 JS Bundle CDN path to make this work. The downloaded jQuery and Bootstrap files didn't change the slides, but online CDN file did.



Carousel with controls

```
<body>

    <!-- Carousel With Controls -->
    <div class="container-fluid">
        <div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
            <div class="carousel-inner">
                <div class="carousel-item active">
                    
                </div>
                <div class="carousel-item">
                    
                </div>
                <div class="carousel-item">
                    
                </div>
            </div>
            <!-- Carousel Buttons -->
            <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
                <span class="carousel-control-prev-icon"></span>
            </a>
            <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
                <span class="carousel-control-next-icon"></span>
            </a>
        </div>
    </div>

    <!-- Optional JavaScript -->
    <!-- jQuery first, then Bootstrap JS -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENB0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

</body>
```

Ids should be same

Added Part



Carousel with indicators

```
<body>
  <!-- Carousel With Indicators -->
  <div class="container-fluid">
    <div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
      <div class="carousel-indicators">
        <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
        <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
        <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
      </div>
      <div class="carousel-inner">
        <div class="carousel-item active">
          
        </div>
        <div class="carousel-item">
          
        </div>
        <div class="carousel-item">
          
        </div>
      </div>
      <!-- Carousel Buttons -->
      <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
        <span class="carousel-control-prev-icon"></span>
      </a>
      <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
        <span class="carousel-control-next-icon"></span>
      </a>
    </div>
  </div>

  <!-- Optional JavaScript -->
  <!-- jQuery first, then Bootstrap JS -->
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYs0g+OMhuP+IlRH9sENB00Lrn5q+8nbTov4+lP" crossorigin="anonymous"></script>
</body>
```

Ids should be same

Added Part.
(this was done by looking at the Bootstrap Documentation)



Carousel with Captions

```
<body>
    <!-- Carousel With Caption -->
    <div class="container-fluid">
        <div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
            <div class="carousel-indicators">
                <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
                <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
                <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
            </div>
            <div class="carousel-inner">
                <div class="carousel-item active">
                    
                    <div class="carousel-caption d-none d-md-block">
                        <h5>First slide label</h5>
                        <p>Some representative placeholder content for the first slide.</p>
                    </div>
                </div>
                <div class="carousel-item">
                    
                    <div class="carousel-caption d-none d-md-block">
                        <h5>Second slide label</h5>
                        <p>Some representative placeholder content for the second slide.</p>
                    </div>
                </div>
                <div class="carousel-item">
                    
                    <div class="carousel-caption d-none d-md-block">
                        <h5>Third slide label</h5>
                        <p>Some representative placeholder content for the third slide.</p>
                    </div>
                </div>
            </div>
            <!-- Carousel Buttons -->
            <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
                <span class="carousel-control-prev-icon"></span>
            </a>
            <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
                <span class="carousel-control-next-icon"></span>
            </a>
        </div>
    </div>
    <!-- Optional JavaScript -->
    <!-- jQuery first, then Bootstrap JS -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>
```

Added Part.

For each image add div TAG with relevant classes then give captions



Carousel with Crossfade

```
<body>

    <!-- Carousel With Indicators -->
    <div class="container-fluid">
        <div id="carouselExampleControls" class="carousel slide    carousel-fade" data-bs-ride="carousel">
            <div class="carousel-indicators">
                <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
                <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
                <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
            </div>
            <div class="carousel-inner">
                <div class="carousel-item      active">
                    
                </div>
                <div class="carousel-item">
                    
                </div>
                <div class="carousel-item">
                    
                </div>
            </div>
            <!-- Carousel Buttons -->
            <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
                <span class="carousel-control-prev-icon"></span>
            </a>
            <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
                <span class="carousel-control-next-icon"></span>
            </a>
        </div>
    </div>
</body>
```

Added Part.

Only this Fade Class



Set Carousel item change interval

```
<body>

    <!-- Set Carousel item change interval -->
    <div class="container-fluid">
        <div id="carouselExampleControls" class="carousel slide    carousel-fade" data-bs-ride="carousel">

            <div class="carousel-indicators">
                <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
                <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
                <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
            </div>

            <div class="carousel-inner">
                <div class="carousel-item active" data-bs-interval="1000">
                    
                </div>

                <div class="carousel-item" data-bs-interval="1000">
                    
                </div>

                <div class="carousel-item" data-bs-interval="1000">
                    
                </div>
            </div>
            <!-- Carousel Buttons -->
            <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
                <span class="carousel-control-prev-icon" data-bbox="178 321 201 334" />
            </a>

            <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
                <span class="carousel-control-next-icon" data-bbox="178 358 201 371" />
            </a>
        </div>
    </div>

    <!-- Optional JavaScript -->
    <!-- jQuery first, then Bootstrap JS -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMluP+IlRH9sENB00LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

</body>
```

Added Part.

This class timing is set as milli seconds.

1000ms means 1 second.



Make Responsive Carousels

These carousel captions get disappear when shrink the web page size (reduce pixels).



```

<!-- Make Responsive Carousels -->
Make Responsive Carousels
<div class="container-fluid">
  <div id="carouselExampleControls" class="carousel slide    carousel-fade" data-bs-ride="carousel">

    <div class="carousel-indicators">
      <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
      <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
      <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
    </div>

    <div class="carousel-inner">

      <div class="carousel-item active" data-bs-interval="1000">
        
        <div class="carousel-caption d-none d-md-block">
          <h5>First slide label</h5>
          <p>Some representative placeholder content for the first slide.</p>
        </div>
      </div>

      <div class="carousel-item" data-bs-interval="1000">
        
        <div class="carousel-caption d-none d-md-block">
          <h5>Second slide label</h5>
          <p>Some representative placeholder content for the second slide.</p>
        </div>
      </div>

      <div class="carousel-item" data-bs-interval="1000">
        
        <div class="carousel-caption d-none d-md-block">
          <h5>Third slide label</h5>
          <p>Some representative placeholder content for the third slide.</p>
        </div>
      </div>

    </div>
    <!-- Carousel Buttons -->
    <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
      <span class="carousel-control-prev-icon"></span>
    </a>

    <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
      <span class="carousel-control-next-icon"></span>
    </a>
  </div>
</div>

```

Should remove this
d block part

With Removed d block part

```

<!-- Make Responsive Carousels -->
Make Responsive Carousels
<div class="container-fluid">
  <div id="carouselExampleControls" class="carousel slide    carousel-fade" data-bs-ride="carousel">

    <div class="carousel-indicators">
      <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
      <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
      <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
    </div>

    <div class="carousel-inner">

      <div class="carousel-item active" data-bs-interval="1000">
        
        <div class="carousel-caption">
          <h5>First slide label</h5>
          <p>Some representative placeholder content for the first slide.</p>
        </div>
      </div>

      <div class="carousel-item" data-bs-interval="1000">
        
        <div class="carousel-caption">
          <h5>Second slide label</h5>
          <p>Some representative placeholder content for the second slide.</p>
        </div>
      </div>

      <div class="carousel-item" data-bs-interval="1000">
        
        <div class="carousel-caption">
          <h5>Third slide label</h5>
          <p>Some representative placeholder content for the third slide.</p>
        </div>
      </div>

    </div>
    <!-- Carousel Buttons -->
    <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
      <span class="carousel-control-prev-icon"></span>
    </a>

    <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
      <span class="carousel-control-next-icon"></span>
    </a>
  </div>
</div>

```

D block means→

d-none means display none

d-md means display upward medium

d-none + d-md = display none but display medium onwards.



Coding

```
1 <!DOCTYPE html>
2 <html lang = "en">
3   <head>
4     <!-- Required meta tags -->
5     <meta charset = "UTF-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1">
7   <title> Bootstrap Coding </title>
8   <!-- Bootstrap CSS -->
9   <link rel = "stylesheet" href="css/bootstrap.css">
10
11 </head>
12
13
14
15
16 </body>
17
18
19
20 <br><br>
21
22 <!-- Basic Carousel -->
23 Basic Carousel
24 <div class="container-fluid">
25   <div class="carousel slide" data-bs-ride="carousel">
26     <div class="carousel-inner">
27       <div class="carousel-item active">
28         
29       </div>
30
31       <div class="carousel-item">
32         
33       </div>
34
35       <div class="carousel-item">
36         
37       </div>
38
39     </div>
40   </div>
41 </div>
42
43 <br><br>
44
45 <!-- Carousel With Controls -->
46 Carousel With Controls
47 <div class="container-fluid">
48   <div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
49     <div class="carousel-inner">
50       <div class="carousel-item active">
51         
52       </div>
53
54       <div class="carousel-item">
55         
56       </div>
57
58       <div class="carousel-item">
59         
60       </div>
61
62     </div>
63   </div>
64 </div>
```

```

64         </div>
65         <!-- Carousel Buttons -->
66         <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
67             <span class="carousel-control-prev-icon"></span>
68         </a>
69     </div>
70 <br><br>
71     <!-- Carousel With Indicators -->
72     Carousel With Indicators
73     <div class="container-fluid">
74         <div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
75
76             <div class="carousel-indicators">
77                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
78                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
79                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
80             </div>
81
82             <div class="carousel-inner">
83
83                 <div class="carousel-item active">
84                     
85                 </div>
86
87                 <div class="carousel-item">
88                     
89                 </div>
90
91                 <div class="carousel-item">
92                     
93                 </div>
94
95             </div>
96             <!-- Carousel Buttons -->
97             <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
98                 <span class="carousel-control-prev-icon"></span>
99             </a>
100
101             <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
102                 <span class="carousel-control-next-icon"></span>
103             </a>
104         </div>
105     <br><br>
106     <!-- Carousel With Caption -->
107     Carousel With Caption
108     <div class="container-fluid">
109         <div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
110
111             <div class="carousel-indicators">
112                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
113                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
114                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
115             </div>
116
117             <div class="carousel-inner">
118
118                 <div class="carousel-item active">
119                     
120                     <div class="carousel-caption d-none d-md-block">
121                         <h5>First slide label</h5>
122                         <p>Some representative placeholder content for the first slide.</p>
123                     </div>
124                 </div>
125
126                 <div class="carousel-item">
127                     
128                     <div class="carousel-caption d-none d-md-block">
129                         <h5>Second slide label</h5>
130                         <p>Some representative placeholder content for the second slide.</p>
131                     </div>
132                 </div>
133
134                 <div class="carousel-item">
135                     
136                     <div class="carousel-caption d-none d-md-block">
137                         <h5>Third slide label</h5>
138                         <p>Some representative placeholder content for the third slide.</p>
139                     </div>
140                 </div>
141
142             </div>
143             <!-- Carousel Buttons -->
144             <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
145                 <span class="carousel-control-prev-icon"></span>
146             </a>
147
148             <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
149                 <span class="carousel-control-next-icon"></span>
150             </a>
151         </div>
152     <br><br>
153     <!-- Carousel with Crossfade -->
154     Carousel with Crossfade
155     <div class="container-fluid">
156         <div id="carouselExampleControls" class="carousel slide carousel-fade" data-bs-ride="carousel">
157
158             <div class="carousel-indicators">
159                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
160                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
161                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
162             </div>
163
164             <div class="carousel-inner">
165
165                 <div class="carousel-item active">
166                     
167                     <div class="carousel-caption d-none d-md-block">

```

```

184             <h5>First slide label</h5>
185             <p>Some representative placeholder content for the first slide.</p>
186         </div>
187     </div>
188
189     <div class="carousel-item">
190         
191         <div class="carousel-caption d-none d-md-block">
192             <h5>Second slide label</h5>
193             <p>Some representative placeholder content for the second slide.</p>
194         </div>
195     </div>
196
197     <div class="carousel-item">
198         
199         <div class="carousel-caption d-none d-md-block">
200             <h5>Third slide label</h5>
201             <p>Some representative placeholder content for the third slide.</p>
202         </div>
203     </div>
204
205     </div>
206     <!-- Carousel Buttons -->
207     <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
208         <span class="carousel-control-prev-icon"></span>
209     </a>
210
211     <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
212         <span class="carousel-control-next-icon"></span>
213     </a>
214   </div>
215 </div>
216
217 <br><br>
218
219     <!-- Set Carousel item change interval -->
220     Set Carousel item change interval
221
222     <div class="container-fluid">
223         <div id="carouselExampleControls" class="carousel slide carousel-fade" data-bs-ride="carousel">
224
225             <div class="carousel-indicators">
226                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
227                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
228                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
229             </div>
230
231             <div class="carousel-inner">
232
233                 <div class="carousel-item active" data-bs-interval="1000">
234                     
235                     <div class="carousel-caption d-none d-md-block">
236                         <h5>First slide label</h5>
237                         <p>Some representative placeholder content for the first slide.</p>
238                     </div>
239                 </div>
240
241                 <div class="carousel-item" data-bs-interval="1000">
242                     
243                     <div class="carousel-caption d-none d-md-block">
244                         <h5>Second slide label</h5>
245                         <p>Some representative placeholder content for the second slide.</p>
246                     </div>
247
248                 <div class="carousel-item" data-bs-interval="1000">
249                     
250                     <div class="carousel-caption d-none d-md-block">
251                         <h5>Third slide label</h5>
252                         <p>Some representative placeholder content for the third slide.</p>
253                     </div>
254
255             </div>
256             <!-- Carousel Buttons -->
257             <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
258                 <span class="carousel-control-prev-icon"></span>
259             </a>
260
261             <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
262                 <span class="carousel-control-next-icon"></span>
263             </a>
264         </div>
265     </div>
266
267     <br><br>
268
269     <!-- Make Responsive Carousels -->
270     Make Responsive Carousels
271
272     <div class="container-fluid">
273         <div id="carouselExampleControls" class="carousel slide carousel-fade" data-bs-ride="carousel">
274
275             <div class="carousel-indicators">
276                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
277                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
278                 <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
279             </div>
280
281             <div class="carousel-inner">
282
283                 <div class="carousel-item active" data-bs-interval="1000">
284                     
285                     <div class="carousel-caption">
286                         <h5>First slide label</h5>
287                         <p>Some representative placeholder content for the first slide.</p>
288                     </div>
289                 </div>
290
291                 <div class="carousel-item" data-bs-interval="1000">
292                     
293                     <div class="carousel-caption">
294                         <h5>Second slide label</h5>
295                         <p>Some representative placeholder content for the second slide.</p>
296                     </div>
297
298                 <div class="carousel-item" data-bs-interval="1000">
299                     
300                     <div class="carousel-caption">
301                         <h5>Third slide label</h5>
302                         <p>Some representative placeholder content for the third slide.</p>
303                     </div>

```

```
304         </div>
305     </div>
306
307     </div>
308     <!-- Carousel Buttons -->
309     <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
310         <span class="carousel-control-prev-icon"></span>
311     </a>
312
313     <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
314         <span class="carousel-control-next-icon"></span>
315     </a>
316 </div>
317 </div>
318
319
320
321     <!-- Optional JavaScript -->
322     <!-- jQuery first, then Bootstrap JS -->
323     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQn1kT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+I" crossorigin="anonymous"></script>
324
325
326 </body>
327
328
329 </html>
```

```

<!DOCTYPE html>

<html lang ="en">

<head>

    <!-- Required meta tags -->
    <meta charset ="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel ="stylesheet" href="css/bootstrap.css">

</head>

<body>

    <!-- Basic Carousel -->
    Basic Carousel
    <div class="container-fluid">
        <div class="carousel slide" data-bs-ride="carousel">
            <div class="carousel-inner">

                <div class="carousel-item active">
                    

                <div class="carousel-item">
                    

                <div class="carousel-item">
                    

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

    <br><br>

    <!-- Carousel With Controls -->
    Carousel With Controls
    <div class="container-fluid">
        <div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
            <div class="carousel-inner">

                <div class="carousel-item active">
                    

                <div class="carousel-item">
                    

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

```

```

        <div class="carousel-item">
            
            </div>

        </div>
        <!-- Carousel Buttons -->
        <a href="#carouselExampleControls"      class="carousel-control-
prev" data-bs-slide="prev">
            <span class="carousel-control-prev-icon"></span>
        </a>

        <a href="#carouselExampleControls"      class="carousel-control-
next" data-bs-slide="next">
            <span class="carousel-control-next-icon"></span>
        </a>
    </div>
</div><br><br>

<!-- Carousel With Indicators -->
Carousel With Indicators
<div class="container-fluid">
    <div id="carouselExampleControls" class="carousel slide" data-bs-
ride="carousel">

        <div class="carousel-indicators">
            <button type="button" data-bs-
target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-
current="true" aria-label="Slide 1"></button>
            <button type="button" data-bs-
target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
            <button type="button" data-bs-
target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
        </div>

        <div class="carousel-inner">

            <div class="carousel-item active">
                

            <div class="carousel-item">
                
            </div>

            <div class="carousel-item">
                
            </div>

        </div>
        <!-- Carousel Buttons -->
        <a href="#carouselExampleControls"      class="carousel-control-
prev" data-bs-slide="prev">
            <span class="carousel-control-prev-icon"></span>
        </a>
    </div>

```

```

        <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
            <span class="carousel-control-next-icon">></span>
        </a>
    </div>
</div>

<br><br>

<!-- Carousel With Caption -->
Carousel With Caption
<div class="container-fluid">
    <div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">

        <div class="carousel-indicators">
            <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
            <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
            <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
        </div>

        <div class="carousel-inner">

            <div class="carousel-item active">
                
                    <h5>First slide label</h5>
                    <p>Some representative placeholder content for the first slide.</p>
                </div>
            </div>
            <div class="carousel-item">
                
                    <h5>Second slide label</h5>
                    <p>Some representative placeholder content for the second slide.</p>
                </div>
            </div>
            <div class="carousel-item">
                
                    <h5>Third slide label</h5>
                    <p>Some representative placeholder content for the third slide.</p>
                </div>
            </div>
        </div>
    </div>
</div>

<!-- Carousel Buttons -->

```

```

        <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
            <span class="carousel-control-prev-icon"></span>
        </a>

        <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
            <span class="carousel-control-next-icon"></span>
        </a>
    </div>
</div>

<br><br>

<!-- Carousel with Crossfade -->
Carousel with Crossfade
<div class="container-fluid">
    <div id="carouselExampleControls" class="carousel slide carousel-fade" data-bs-ride="carousel">

        <div class="carousel-indicators">
            <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
            <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
            <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
        </div>

        <div class="carousel-inner">

            <div class="carousel-item active">
                
                    <h5>First slide label</h5>
                    <p>Some representative placeholder content for the first slide.</p>
                </div>
            </div>
        </div>

            <div class="carousel-item">
                
                <div class="carousel-caption d-none d-md-block">
                    <h5>Second slide label</h5>
                    <p>Some representative placeholder content for the second slide.</p>
                </div>
            </div>

            <div class="carousel-item">
                
                <div class="carousel-caption d-none d-md-block">
                    <h5>Third slide label</h5>
                    <p>Some representative placeholder content for the third slide.</p>
                </div>
            </div>
        </div>
    </div>
</div>

```

```

        </div>

    </div>
    <!-- Carousel Buttons -->
    <a href="#carouselExampleControls"      class="carousel-control-
prev"  data-bs-slide="prev">
        <span class="carousel-control-prev-icon"></span>
    </a>

    <a href="#carouselExampleControls"      class="carousel-control-
next"  data-bs-slide="next">
        <span class="carousel-control-next-icon"></span>
    </a>
</div>
</div>

<br><br>

<!-- Set Carousel item change interval -->
Set Carousel item change interval
<div class="container-fluid">
    <div id="carouselExampleControls" class="carousel slide"      carousel-
fade" data-bs-ride="carousel">

        <div class="carousel-indicators">
            <button type="button" data-bs-
target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-
current="true" aria-label="Slide 1"></button>
            <button type="button" data-bs-
target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
            <button type="button" data-bs-
target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
        </div>

        <div class="carousel-inner">

            <div class="carousel-item"          active"
data-bs-interval="1000">
                
                    <h5>First slide label</h5>
                    <p>Some representative placeholder content for
the first slide.</p>
                </div>
            </div>
        </div>

            <div class="carousel-item"          data-bs-
interval="1000">
                
                    <h5>Second slide label</h5>
                    <p>Some representative placeholder content for
the second slide.</p>
                </div>
            </div>
        </div>

            <div class="carousel-item"          data-bs-
interval="1000">

```

```

    class="d-block w-100">
        
    <div class="carousel-caption d-none d-md-block">
        <h5>Third slide label</h5>
        <p>Some representative placeholder content for
the third slide.</p>
    </div>
    </div>
    </div>
    <!-- Carousel Buttons -->
    <a href="#carouselExampleControls" class="carousel-control-prev" data-bs-slide="prev">
        <span class="carousel-control-prev-icon"></span>
    </a>

    <a href="#carouselExampleControls" class="carousel-control-next" data-bs-slide="next">
        <span class="carousel-control-next-icon"></span>
    </a>
</div>
</div>

<br><br>

<!-- Make Responsive Carousels -->
Make Responsive Carousels
<div class="container-fluid">
    <div id="carouselExampleControls" class="carousel slide" data-bs-fade="true" data-bs-ride="carousel">

        <div class="carousel-indicators">
            <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
            <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="1" aria-label="Slide 2"></button>
            <button type="button" data-bs-target="#carouselExampleControls" data-bs-slide-to="2" aria-label="Slide 3"></button>
        </div>

        <div class="carousel-inner">

            <div class="carousel-item active" data-bs-interval="1000">
                
                    <h5>First slide label</h5>
                    <p>Some representative placeholder content for
the first slide.</p>
                </div>
            </div>
            <div class="carousel-item" data-bs-interval="1000">
                
                    <h5>Second slide label</h5>
                    <p>Some representative placeholder content for
the second slide.</p>
                </div>
            </div>
        </div>
    </div>
</div>

```

```

        </div>
    </div>

    <div class="carousel-item" data-bs-
interval="1000">
        
        <div class="carousel-caption">
            <h5>Third slide label</h5>
            <p>Some representative placeholder content for
the third slide.</p>
        </div>
        </div>
    </div>
    <!-- Carousel Buttons -->
    <a href="#carouselExampleControls" class="carousel-control-
prev" data-bs-slide="prev">
        <span class="carousel-control-prev-icon"></span>
    </a>

    <a href="#carouselExampleControls" class="carousel-control-
next" data-bs-slide="next">
        <span class="carousel-control-next-icon"></span>
    </a>
</div>
</div>

        <!-- Optional JavaScript -->
        <!-- jQuery first, then Bootstrap JS -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

</body>

</html>

```

Cards

There are 3 basic structures of Card → Header, Body and Footer.

```
<!DOCTYPE html>

<html lang = "en">

<head>
    <!-- Required meta tags -->
    <meta charset = "UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel = "stylesheet" href="css/bootstrap.css">

</head>

<body>
    <div class="card">
        <div class="card-header"></div>
        <div class="card-body"></div>
        <div class="card-footer"></div>
    </div>
</body>

<!-- Optional JavaScript -->
<!-- jQuery first, then Bootstrap JS -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENB00L Rn5q+8nbTov4+1p" crossorigin="anonymous"></script>
```

The diagram illustrates the basic components of a card. A green rectangular box labeled "Basic Components of Card" contains three arrows pointing to the corresponding HTML elements in the code: "card-header", "card-body", and "card-footer".

Basic Card

```
<body>

    <div class="card">

        <div class="card-header">
            Feature
        </div>

        <div class="card-body">
            <h5 class="card-title">Title</h5>
            <p class="card-text">Lorem ipsum dolor sit amet, laborum.</p>
        </div>

        <div class="card-footer">
            <p>2 min ago</p>
        </div>
    </div>
```

The screenshot shows a web browser window with the following details:

- Address bar: File | C:/Users/ryand/Desktop/Bootstrap/8)%20Cards/Cards%20Coding.html
- Toolbar icons: back, forward, refresh, file, save, print, etc.
- Content area:
 - Section header: Feature
 - Section title: Title
 - Text: Lorem ipsum dolor sit amet, laborum.
 - Text: 2 min ago

If we don't want a footer, we can easily remove it.

```
<body>

    <div class="card">

        <div class="card-header">
            Feature
        </div>

        <div class="card-body">
            <h5 class="card-title">Title</h5>
            <p class="card-text">Lorem ipsum dolor sit amet, laborum.</p>
        </div>

    </div>
```

The screenshot shows a web browser window with the following details:

- Address bar: File | C:/Users/ryand/Desktop/Bootstrap/8)%20Cards/Cards%20Coding.html
- Toolbar icons: back, forward, refresh, file, save, print, etc.
- Content area:
 - Section header: Feature
 - Section title: Title
 - Text: Lorem ipsum dolor sit amet, laborum.

We can set card size by 12 Grid System

```
<body>

    <!-- Basic Card -->
    <div class="row">
        <div class="col-2">
            <div class="card">

                <div class="card-header">
                    Feature
                </div>

                <div class="card-body">
                    <h5 class="card-title">Title</h5>
                    <p class="card-text">Lorem ipsum dolor sit amet, laborum.</p>
                </div>

                <div class="card-footer">
                    <p>2 min ago</p>
                </div>
            </div>
        </div>
    </div>
```



How to create Card Overlay

```
<body>
    <br> <br>           Card background color           Card text color
    <!-- How to create Card Overlay -->
    <div class="container">
        <div class="card bg-dark text-white">
            
            <div class="card-img-overlay">
                <h5 class="card-title">Title</h5>
                <p class="card-text">Lorem ipsum dolor sit amet, laborum.</p>
            </div>
        </div>
    </div>
    <br> <br>           Only added part.
    <!-- Card Overlay small Size -->
    <div class="container">
        <div class="card bg-dark text-white" style="width:18rem;">
            
            <div class="card-img-overlay">
                <h5 class="card-title">Title</h5>
                <p class="card-text">Lorem ipsum dolor sit amet, laborum.</p>
            </div>
        </div>
    </div>
</div>
```

← → C File | C:/Users/ryand/Desktop/Bootstrap/8%20Cards/Cards%20Coding.html



Card Background Colors

We can remove image part here.

```
<body>

<br> <br>

<!-- Card Background Colors -->
<div class="container">

    <div class="card bg-dark text-white" style="width:18rem;">

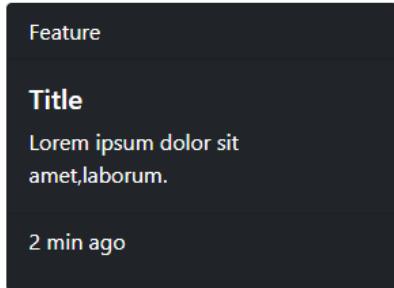
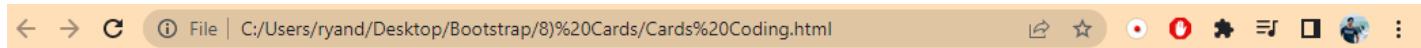
        <div class="card-header">
            Feature
        </div>

        <div class="card-body">
            <h5 class="card-title">Title</h5>
            <p class="card-text">Lorem ipsum dolor sit amet, laborum.</p>
        </div>

        <div class="card-footer">
            <p>2 min ago</p>
        </div>

    </div>

</div>
```



Card Group

```
<body>
<br> <br>

<!-- Card Group -->
<div class="container">

    <div class="card-group">
        <div class="card">
            
            <div class="card-body">
                <h5 class="card-title">Card title</h5>
                <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.</p>
                <p class="card-text"><small class="text-muted">Last updated 3 mins ago</small></p>
            </div>
        </div>

        <div class="card">
            
            <div class="card-body">
                <h5 class="card-title">Card title</h5>
                <p class="card-text">This card has supporting text below as a natural lead-in to additional content.</p>
                <p class="card-text"><small class="text-muted">Last updated 3 mins ago</small></p>
            </div>
        </div>

        <div class="card">
            
            <div class="card-body">
                <h5 class="card-title">Card title</h5>
                <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content. This card has even longer content than the first to show that equal height action.</p>
                <p class="card-text"><small class="text-muted">Last updated 3 mins ago</small></p>
            </div>
        </div>
    </div>
</div>
```

File | C:/Users/ryand/Desktop/Bootstrap/8)%20Cards/Cards%20Coding.html

Card title

This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

Last updated 3 mins ago

Card title

This card has supporting text below as a natural lead-in to additional content.

Last updated 3 mins ago

Card title

This is a wider card with supporting text below as a natural lead-in to additional content. This card has even longer content than the first to show that equal height action.

Last updated 3 mins ago

Footer is not aligned at same level.

So, we can make card with Headers and Footers to align its components.

```
<!-- Card Group with footer auto aligned -->


<div class="card-group">
    <div class="card">
      
      <div class="card-body">
        <h5 class="card-title">Card title</h5>
        <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.</p>
      </div>
      <div class="card-footer">
        <small class="text-muted">Last updated 3 mins ago</small>
      </div>
    </div>

    <div class="card">
      
      <div class="card-body">
        <h5 class="card-title">Card title</h5>
        <p class="card-text">This card has supporting text below as a natural lead-in to additional content.</p>
      </div>
      <div class="card-footer">
        <small class="text-muted">Last updated 3 mins ago</small>
      </div>
    </div>

    <div class="card">
      
      <div class="card-body">
        <h5 class="card-title">Card title</h5>
        <p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content. This card has even longer content than the first to show that equal height action.</p>
      </div>
      <div class="card-footer">
        <small class="text-muted">Last updated 3 mins ago</small>
      </div>
    </div>
  </div>


```

Screenshot of the browser showing three cards with different heights and their corresponding HTML code.		
		
<p>Card title</p> <p>This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.</p> <p>Last updated 3 mins ago</p>	<p>Card title</p> <p>This card has supporting text below as a natural lead-in to additional content.</p> <p>Last updated 3 mins ago</p>	<p>Card title</p> <p>This is a wider card with supporting text below as a natural lead-in to additional content. This card has even longer content than the first to show that equal height action.</p> <p>Last updated 3 mins ago</p>

Grid Cards

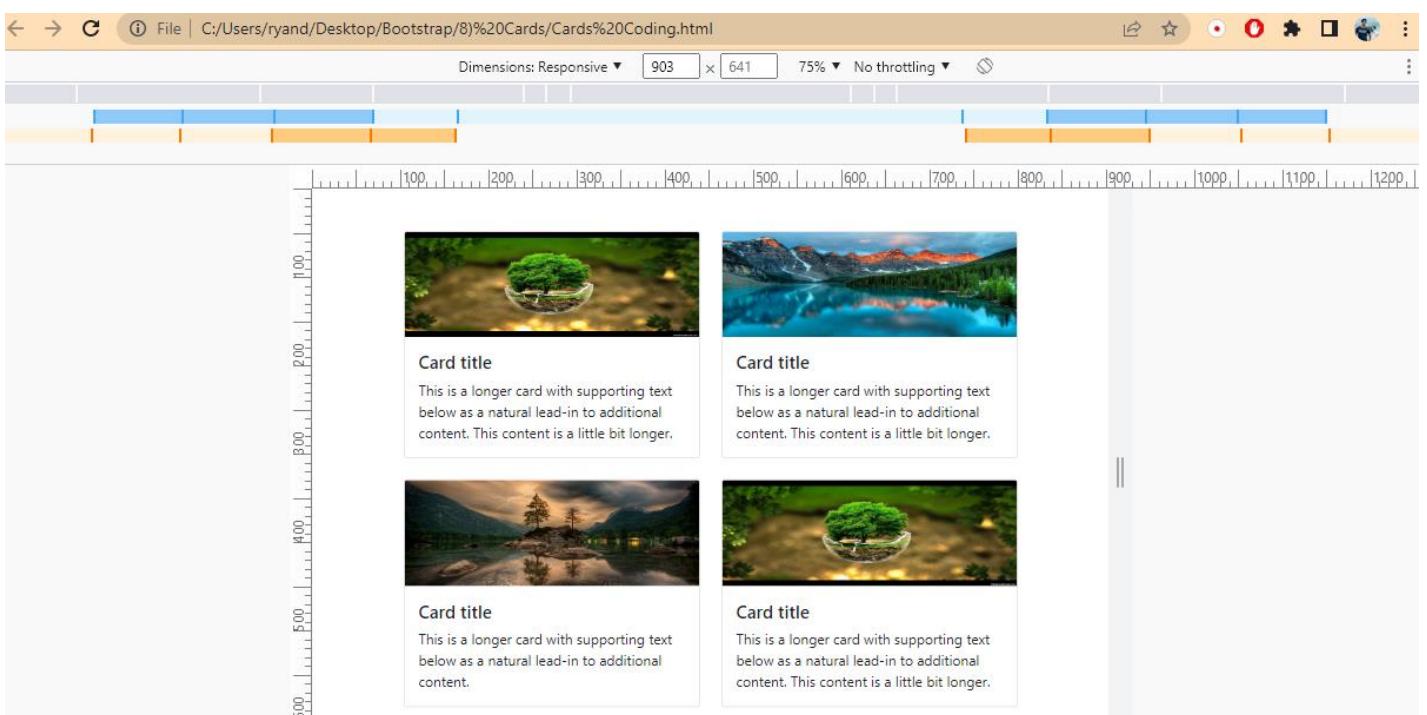
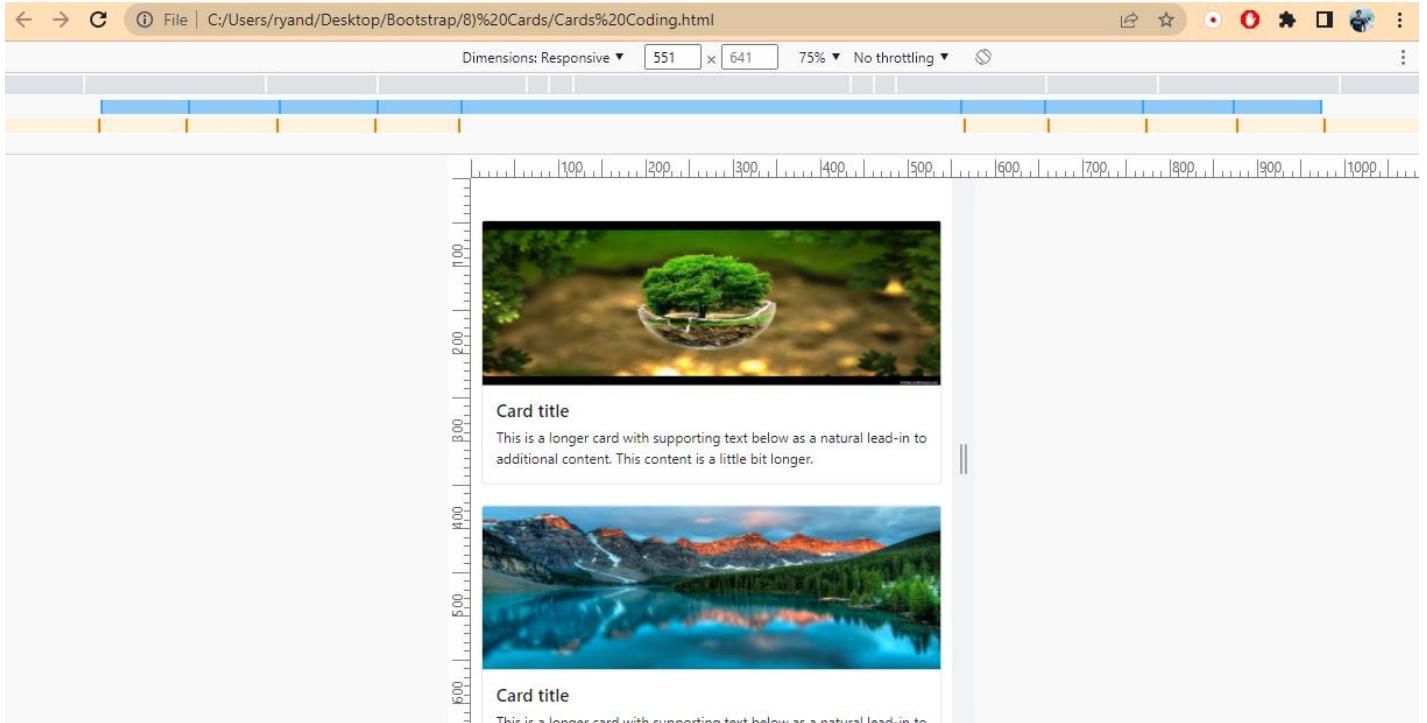
This is very similar to above Card Group but in Grid Cards between cards has more space.

With 2 columns when get medium size

Here's `.row-cols-1` laying out the cards on one column.

And `.row-cols-md-2` splitting four cards to equal width across multiple rows, from the medium breakpoint up.

```
<body>
    Row has 1 column
    <br> <br>
    <!-- Grid Cards with 2 columns -->
    <div class="container">
        <div class="row row-cols-1 row-cols-md-2 g-4">
            Row has 2 columns when gets medium size
            <div class="col">
                <div class="card">
                    
                    <div class="card-body">
                        <h5 class="card-title">Card title</h5>
                        <p class="card-text">This is a longer card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.</p>
                    </div>
                </div>
            </div>
            <div class="col">
                <div class="card">
                    
                    <div class="card-body">
                        <h5 class="card-title">Card title</h5>
                        <p class="card-text">This is a longer card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.</p>
                    </div>
                </div>
            </div>
            <div class="col">
                <div class="card">
                    
                    <div class="card-body">
                        <h5 class="card-title">Card title</h5>
                        <p class="card-text">This is a longer card with supporting text below as a natural lead-in to additional content.</p>
                    </div>
                </div>
            </div>
            <div class="col">
                <div class="card">
                    
                    <div class="card-body">
                        <h5 class="card-title">Card title</h5>
                        <p class="card-text">This is a longer card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.</p>
                    </div>
                </div>
            </div>
        </div>
    </div>
    Gutter- Space between Cards is 4px
</div>
```



With 3 columns when get medium size

Change it to `.row-cols-3` and you'll see the fourth card wrap.

```
<body>

<br> <br>

<!-- Grid Cards with 2 columns --&gt;
&lt;div class="container"&gt;

    &lt;div class="row row-cols-1 row-cols-md-3 g-4"&gt;

        &lt;div class="col"&gt;
            &lt;div class="card"&gt;
                &lt;img src="images/nature3.jpg" class="card-img-top" alt="..."&gt;
                &lt;div class="card-body"&gt;
                    &lt;h5 class="card-title"&gt;Card title&lt;/h5&gt;
                    &lt;p class="card-text"&gt;This is a longer card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.&lt;/p&gt;
                &lt;/div&gt;
            &lt;/div&gt;
        &lt;/div&gt;

        &lt;div class="col"&gt;
            &lt;div class="card"&gt;
                &lt;img src="images/nature1.jpeg" class="card-img-top" alt="..."&gt;
                &lt;div class="card-body"&gt;
                    &lt;h5 class="card-title"&gt;Card title&lt;/h5&gt;
                    &lt;p class="card-text"&gt;This is a longer card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.&lt;/p&gt;
                &lt;/div&gt;
            &lt;/div&gt;
        &lt;/div&gt;

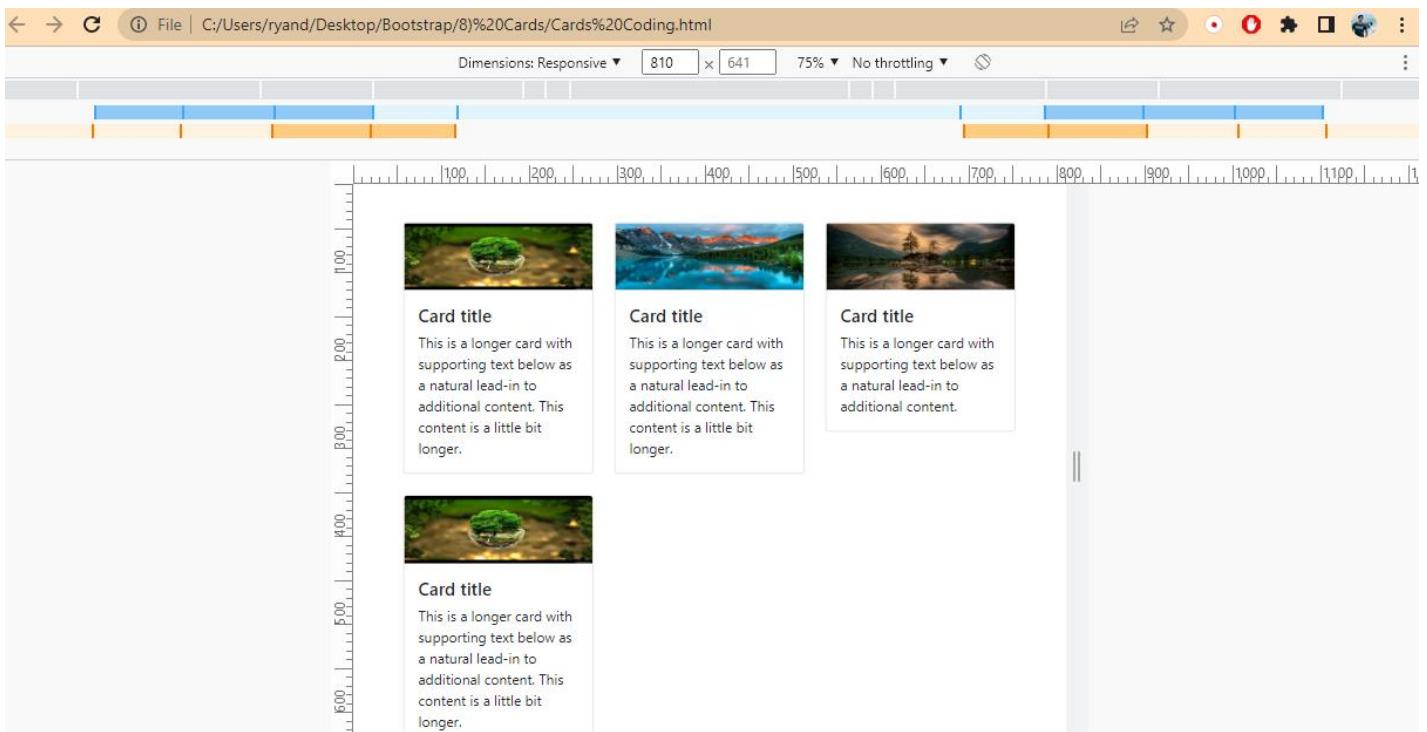
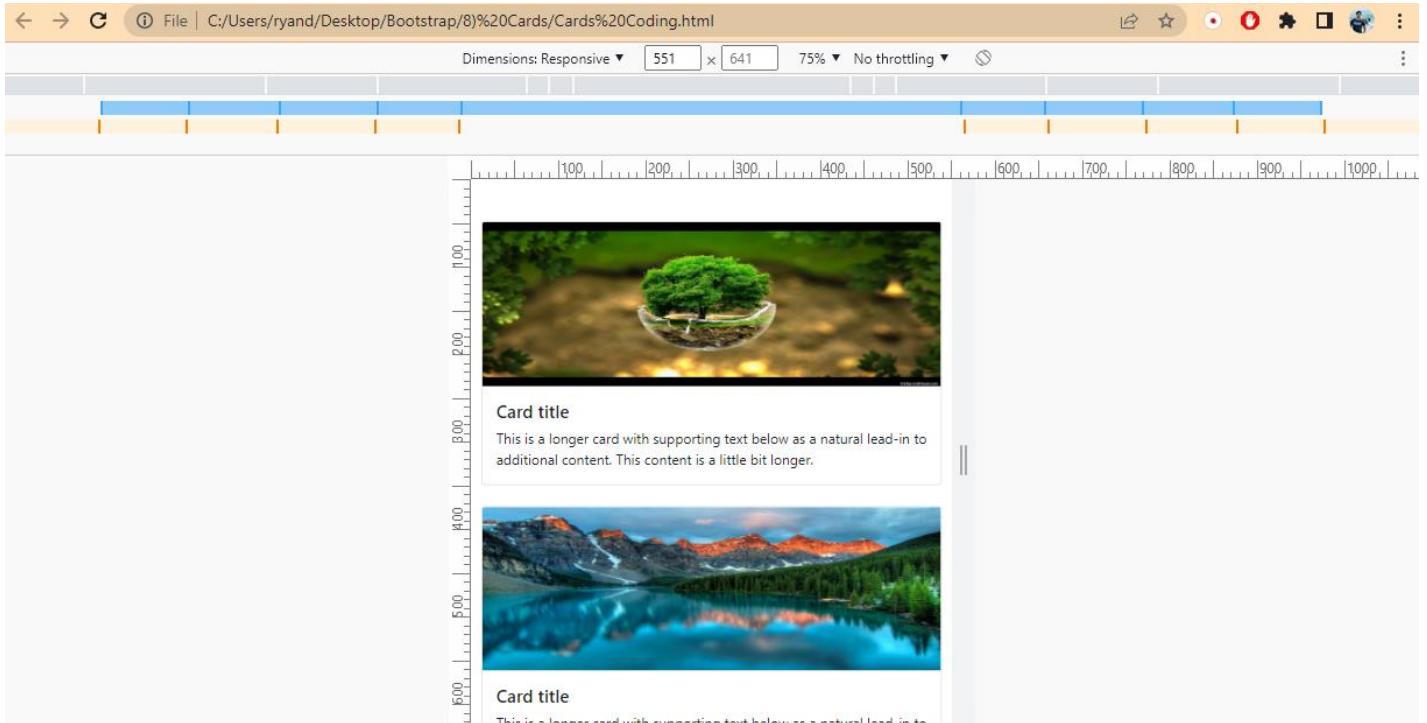
        &lt;div class="col"&gt;
            &lt;div class="card"&gt;
                &lt;img src="images/nature2.jpg" class="card-img-top" alt="..."&gt;
                &lt;div class="card-body"&gt;
                    &lt;h5 class="card-title"&gt;Card title&lt;/h5&gt;
                    &lt;p class="card-text"&gt;This is a longer card with supporting text below as a natural lead-in to additional content.&lt;/p&gt;
                &lt;/div&gt;
            &lt;/div&gt;
        &lt;/div&gt;

        &lt;div class="col"&gt;
            &lt;div class="card"&gt;
                &lt;img src="images/nature3.jpg" class="card-img-top" alt="..."&gt;
                &lt;div class="card-body"&gt;
                    &lt;h5 class="card-title"&gt;Card title&lt;/h5&gt;
                    &lt;p class="card-text"&gt;This is a longer card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.&lt;/p&gt;
                &lt;/div&gt;
            &lt;/div&gt;
        &lt;/div&gt;

    &lt;/div&gt;
&lt;/div&gt;</pre>

Only changed part.


```



Coding

```
<!DOCTYPE html>

<html lang ="en">

<head>

    <!-- Required meta tags -->
    <meta charset ="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel ="stylesheet" href="css/bootstrap.css">

</head>

<body>

    <!-- Basic Card -->
    Basic Card
    <div class="row">
        <div class="col-3">
            <div class="card">

                <div class="card-header">
                    Feature
                </div>

                <div class="card-body">
                    <h5 class="card-title">Title</h5>
                    <p class="card-text">Lorem ipsum dolor sit amet, laborum.</p>
                </div>

                <div class="card-footer">
                    <p>2 min ago</p>
                </div>

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

    <br> <br>

    <!-- How to create Card Overlay -->
    How to create Card Overlay
    <div class="container">

        <div class="card bg-dark text-white">
            
            <div class="card-img-overlay">
                <h5 class="card-title">Title</h5>
            </div>
        </div>
    </div>
</body>
```

```

        <p class="card-text">Lorem ipsum dolor sit
amet, laborum.</p>

        </div>

    </div>

<br> <br>

<!-- Card Overlay small Size -->
Card Overlay small Size
<div class="container">

    <div class="card" style="width:18rem;">
        
        <div class="card-img-overlay">
            <h5 class="card-title">Title</h5>
            <p class="card-text">Lorem ipsum dolor sit
amet, laborum.</p>
        </div>

    </div>

</div>

<br> <br>

<!-- Card Background Colors -->
Card Background Colors
<div class="container">

    <div class="card" style="width:18rem;">
        <div class="card-header">
            Feature
        </div>

        <div class="card-body">
            <h5 class="card-title">Title</h5>
            <p class="card-text">Lorem ipsum dolor sit
amet, laborum.</p>
        </div>

        <div class="card-footer">
            <p>2 min ago</p>
        </div>

    </div>

</div>

<br> <br>

<!-- Card Group without footer auto aligned -->
Card Group without footer auto aligned
<div class="container">
```

```

<div class="card-group">
    <div class="card">
        
        <div class="card-body">
            <h5 class="card-title">Card title</h5>
            <p class="card-text">This is a wider card with
supporting text below as a natural lead-in to additional content. This content is a
little bit longer.</p>
            <p class="card-text"><small class="text-muted">Last
updated 3 mins ago</small></p>
        </div>
    </div>

    <div class="card">
        
        <div class="card-body">
            <h5 class="card-title">Card title</h5>
            <p class="card-text">This card has supporting text below as a
natural lead-in to additional content.</p>
            <p class="card-text"><small class="text-muted">Last updated 3
mins ago</small></p>
        </div>
    </div>

    <div class="card">
        
        <div class="card-body">
            <h5 class="card-title">Card title</h5>
            <p class="card-text">This is a wider card with supporting text
below as a natural lead-in to additional content. This card has even longer content
than the first to show that equal height action.</p>
            <p class="card-text"><small class="text-muted">Last updated 3
mins ago</small></p>
        </div>
    </div>

```

</div>


```

<!-- Card Group with footer auto aligned -->
Card Group with footer auto aligned
<div class="container">

    <div class="card-group">
        <div class="card">
            
            <div class="card-body">
                <h5 class="card-title">Card title</h5>
                <p class="card-text">This is a wider card with
supporting text below as a natural lead-in to additional content. This content is a
little bit longer.</p>
                </div>
            <div class="card-footer">
                <small class="text-muted">Last updated 3 mins
ago</small>
            </div>
        </div>
    </div>

```

```

<div class="card">
    
    <div class="card-body">
        <h5>Card title</h5>
        <p>This card has supporting text below as a natural lead-in to additional content.</p>
    </div>
    <div class="card-footer">
        <small>Last updated 3 mins ago</small>
    </div>
</div>

<div class="card">
    
    <div class="card-body">
        <h5>Card title</h5>
        <p>This is a wider card with supporting text below as a natural lead-in to additional content. This card has even longer content than the first to show that equal height action.</p>
    </div>
    <div class="card-footer">
        <small>Last updated 3 mins ago</small>
    </div>
</div>

</div>
<br> <br>

<!-- Grid Cards with 2 columns when get medium size -->
Grid Cards with 2 columns when get medium size
<div class="container">

    <div class="row" style="row-cols-1" style="row-cols-md-2 g-4">
        <div class="col">
            <div class="card">
                
                <div class="card-body">
                    <h5>Card title</h5>
                    <p>This is a longer card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.</p>
                </div>
            </div>
        </div>
        <div class="col">
            <div class="card">
                
                <div class="card-body">
                    <h5>Card title</h5>

```

```

                <p class="card-text">This is a longer card
with supporting text below as a natural lead-in to additional content. This content
is a little bit longer.</p>
                </div>
            </div>
            </div>

<div class="col">
<div class="card">
    
    <div class="card-body">
        <h5 class="card-title">Card title</h5>
        <p class="card-text">This is a longer card with
supporting text below as a natural lead-in to additional content.</p>
    </div>
</div>
</div>

<div class="col">
<div class="card">
    
    <div class="card-body">
        <h5 class="card-title">Card title</h5>
        <p class="card-text">This is a longer card
with supporting text below as a natural lead-in to additional content. This content
is a little bit longer.</p>
    </div>
</div>
</div>

</div>

</div>

<br> <br>

<!-- Grid Cards with 3 columns when get medium size --&gt;
Grid Cards with 3 columns when get medium size
&lt;div class="container"&gt;

    &lt;div class="row" style="row-cols-1" style="row-cols-md-3 g-4"&gt;

        &lt;div class="col"&gt;
&lt;div class="card"&gt;
    &lt;img alt="..." src="images/nature3.jpg" class="card-img-top"
alt="..."/>
    <div class="card-body">
        <h5 class="card-title">Card title</h5>
        <p class="card-text">This is a longer card
with supporting text below as a natural lead-in to additional content. This content
is a little bit longer.</p>
    </div>
</div>
</div>

        <div class="col">
<div class="card">
    
    <div class="card-body">

```

```

<h5 class="card-title">Card title</h5>
<p class="card-text">This is a longer card
with supporting text below as a natural lead-in to additional content. This content
is a little bit longer.</p>
</div>
</div>
</div>

<div class="col">
<div class="card">
    
    <div class="card-body">
        <h5 class="card-title">Card title</h5>
        <p class="card-text">This is a longer card with
supporting text below as a natural lead-in to additional content.</p>
    </div>
    </div>
    </div>

<div class="col">
<div class="card">
    
    <div class="card-body">
        <h5 class="card-title">Card title</h5>
        <p class="card-text">This is a longer card
with supporting text below as a natural lead-in to additional content. This content
is a little bit longer.</p>
    </div>
    </div>
    </div>

</div>

```

```

<!-- Optional JavaScript -->
<!-- jQuery first, then Bootstrap JS -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+lP" crossorigin="anonymous"></script>

</body>
</html>

```

Jumbotron

Lightweight, flexible component for showcasing hero unit style content.

A lightweight, flexible component that can optionally extend the entire viewport to showcase key marketing messages on your site.

In every webpage there is a hero section

The screenshot shows the official Bootstrap website at getbootstrap.com. A large red oval highlights the top section of the page, which contains the title "Build fast, responsive sites with Bootstrap" and a brief description of the framework's features. Below this, there are two buttons: "Get started" (purple) and "Download" (white). A purple callout bubble with a white "B" is overlaid on the right side of the hero section. A green rectangular box with a black border and the text "Hero Section" is positioned below the hero area, pointing towards it. The rest of the page includes sections for "Installation" with package management instructions and code snippets for npm and gem, and a "Read the Docs" button.

Build fast, responsive sites with Bootstrap

Quickly design and customize responsive mobile-first sites with Bootstrap, the world's most popular front-end open source toolkit, featuring Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful JavaScript plugins.

Get started Download

Currently v5.1.3 · [v4.6.x docs](#) · [All releases](#)

Hero Section

Installation

Install Bootstrap's source Sass and JavaScript files via npm, Composer, or Meteor.

Package managed installs don't include documentation or our full build scripts. You can also [use our npm template repo](#) to quickly generate a Bootstrap project via npm.

`$ npm install bootstrap` Copy

`$ gem install bootstrap -v 5.1.3` Copy

[Read the Docs](#)

Normal Jumbotron

```
<body>

    <!-- Jumbotron Normal -->
    Jumbotron Normal
    <div class="container">

        <div class="jumbotron">
            <h1 class="display-4">Hello, world!</h1>
            <p class="lead">This is a simple hero unit, a simple jumbotron-style component for calling extra attention.</p>
            <hr class="my-4">
            <p>It uses utility classes for typography and spacing to space content out within the larger container.</p>

            <p class="lead">      <a class="btn btn-primary btn-lg" href="#" role="button">Learn more</a>      </p>
        </div>

    </div>

    <br> <br>

    <!-- Jumbotron Colored -->
    Jumbotron Colored
    <div class="container">

        <div class="jumbotron bg-warning">
            <h1 class="display-4">Hello, world!</h1>
            <p class="lead">This is a simple hero unit, a simple jumbotron-style component for calling extra attention.</p>
            <hr class="my-4">
            <p>It uses utility classes for typography and spacing to space content out within the larger container.</p>

            <p class="lead">      <a class="btn btn-primary btn-lg" href="#" role="button">Learn more</a>      </p>
        </div>

    </div>

</body>
```

Show much bigger text than h1 TAG

Only added part

umbotron Normal



Hello, world!

This is a simple hero unit, a simple jumbotron-style component for calling extra attention.

It uses utility classes for typography and spacing to space content out within the larger container.

[Learn more](#)

umbotron Colored



Hello, world!

This is a simple hero unit, a simple jumbotron-style component for calling extra attention.

It uses utility classes for typography and spacing to space content out within the larger container.

[Learn more](#)

Jumbotron-Fluid

This is a modified jumbotron that occupies the entire horizontal space of its parent.

Removing both sides padding and rounded corners.

```
<!-- Jumbotron Fluid -->
Jumbotron Fluid
<div class="container">

  <div class="jumbotron jumbotron-fluid bg-warning">
    <h1 class="display-4">Hello, world!</h1>
    <p class="lead">This is a simple hero unit, a simple jumbotron-style component for calling extra attention.</p>
    <hr class="my-4">
    <p>It uses utility classes for typography and spacing to space content out within the larger container.</p>

    <p class="lead">    <a class="btn btn-primary btn-lg" href="#" role="button">Learn more</a>    </p>
  </div>

</div>
```

Jumbotron Fluid

Hello, world!

This is a simple hero unit, a simple jumbotron-style component for calling extra attention.

It uses utility classes for typography and spacing to space content out within the larger container.

[Learn more](#)

Coding

```
<!DOCTYPE html>

<html lang ="en">

<head>

    <!-- Required meta tags -->
    <meta charset ="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel ="stylesheet" href="css/bootstrap.css">

</head>

<body>

    <!-- Jumbotron Normal -->
    Jumbotron Normal
    <div class="container">

        <div class="jumbotron">
            <h1 class="display-4">Hello, world!</h1>
            <p class="lead">This is a simple hero unit, a simple
jumbotron-style component for calling extra attention.</p>
            <hr class="my-4">
            <p>It uses utility classes for typography and spacing to space
content out within the larger container.</p>

            <p class="lead">          <a class="btn  btn-primary      btn-lg"
href="#" role="button">Learn more</a>          </p>
        </div>

    </div>

    <br> <br>

    <!-- Jumbotron Colored -->
    Jumbotron Colored
    <div class="container">

        <div class="jumbotron bg-warning">
            <h1 class="display-4">Hello, world!</h1>
            <p class="lead">This is a simple hero unit, a simple
jumbotron-style component for calling extra attention.</p>
            <hr class="my-4">
            <p>It uses utility classes for typography and spacing to space
content out within the larger container.</p>

            <p class="lead">          <a class="btn  btn-primary      btn-lg"
href="#" role="button">Learn more</a>          </p>
        </div>

    </div>


```

```
</div>

<!-- Jumbotron Fluid -->
Jumbotron Fluid


137


```

Forms

To check documentations, go to Bootstrap Version 4.6

Form Controls

Textual form controls—like `<input>`s, `<select>`s, and `<textarea>`s—are styled with the `.form-control` class. Included are styles for general appearance, focus state, sizing, and more.

```
<body>

    <!-- Form Controls-->
    Form Controls
    <div class="container">

        <form>

            <!-- Email Type input-->
            <div class="form-group">
                <label for="exampleFormControlInput1">Email address</label>
                <input type="email" class="form-control" id="exampleFormControlInput1" placeholder="name@example.com">
            </div>

            <br>

            <!-- Combobox Type input-->
            <div class="form-group">
                <label for="exampleFormControlSelect1">Example select</label>
                <select class="form-control" id="exampleFormControlSelect1">
                    <option>1</option>
                    <option>2</option>
                    <option>3</option>
                    <option>4</option>
                    <option>5</option>
                </select>
            </div>

            <br>

            <!-- Multiple Selection Type input-->
            <div class="form-group">
                <label for="exampleFormControlSelect2">Example multiple select</label>
                <select multiple class="form-control" id="exampleFormControlSelect2">
                    <option>1</option>
                    <option>2</option>
                    <option>3</option>
                    <option>4</option>
                    <option>5</option>
                </select>
            </div>

            <br>

            <!-- Textarea Type input-->
            <div class="form-group">
                <label for="exampleFormControlTextarea1">Example textarea</label>
                <textarea class="form-control" id="exampleFormControlTextarea1" rows="3"></textarea>
            </div>

            <br>

            <!-- File Upload Type input-->
            <div class="form-group">
                <label for="exampleFormControlFile1">Example file input</label>
                <br>
                <input type="file" class="form-control-file" id="exampleFormControlFile1">
            </div>
        </form>
    </div>
```

Form Controls

Email address

Example select

Example multiple select

- 1
- 2
- 3
- 4

Example textarea

Example file input

No file chosen

Single Column Form

Textual form controls—like `<input>`s, `<select>`s, and `<textarea>`s—are styled with the `.form-control` class. Included are styles for general appearance, focus state, sizing, and more.

The diagram illustrates the annotated HTML code for a single column form. It highlights various form elements and their corresponding CSS styles:

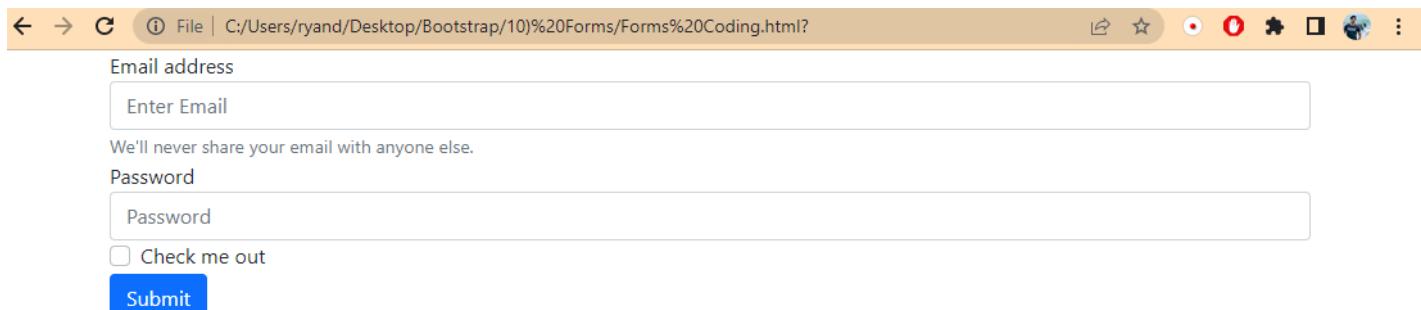
- Email Type input box:** Annotated with a green box. The code is located within a `<div class="form-group">` block.
- important:** An annotation pointing to the `aria-describedby="emailHelp"` attribute.
- When text box empty, showing keyword:** An annotation pointing to the `placeholder="Enter Email"` attribute.
- Form contents are written in form group:** A green box containing the text "Form contents are written in form group".
- Grey text:** An annotation pointing to the `<small id="emailHelp" class="form-text text-muted">We'll never share your email with anyone else.</small>` text.
- Password Type input:** An annotation pointing to the `<input type="password" class="form-control" id="exampleInputPassword1" placeholder="Password">` element.
- Checkbox Type input:** An annotation pointing to the `<input type="checkbox" class="form-check-input" id="exampleCheck1">` element.
- Submit button:** An annotation pointing to the `<button type="submit" class="btn btn-primary">Submit</button>` button.

```
<body>
  <div class="container">
    <form>
      <div class="form-group">
        <label for="exampleInputEmail1">Email address</label>
        <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter Email">
        <small id="emailHelp" class="form-text text-muted">We'll never share your email with anyone else.</small>
      </div>

      <div class="form-group">
        <label for="exampleInputPassword1">Password</label>
        <input type="password" class="form-control" id="exampleInputPassword1" placeholder="Password">
      </div>

      <div class="form-group form-check">
        <input type="checkbox" class="form-check-input" id="exampleCheck1">
        <label class="form-check-label" for="exampleCheck1">Check me out</label>
      </div>

      <button type="submit" class="btn btn-primary">Submit</button>
    </form>
  </div>
```



Single Column Form

The screenshot shows the form after attempting to submit with an invalid email address. The validation message "Please include an '@' in the email address. 'erewrdf' is missing an '@'." is displayed in a tooltip over the email input field.

The form fields are:

- Email address:** An input field containing "erewrdf".
- Message:** A small note below the email field: "We'll never share your email with anyone else."
- Password:** An input field with three dots (...).
- Checkbox:** A checked checkbox labeled "Check me out".
- Submit button:** A blue "Submit" button.

Form Grid

More complex forms can be built using our grid classes. Use these for form layouts that require multiple columns, varied widths, and additional alignment options.

```
<body>

  <!-- Form Grid -->
  Form Grid
  <div class="container">

    <form>
      <div class="form">

        <div class="row">
          <div class="form-group col-md-6">
            <label for="exampleInputEmail1">Email address</label>
            <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter Email">
            <small id="emailHelp" class="form-text text-muted">We'll never share your email with anyone else.</small>
          </div>
          <div class="form-group col-md-6">
            <label for="exampleInputPassword1">Password</label>
            <input type="password" class="form-control" id="exampleInputPassword1" placeholder="Password">
          </div>
        </div>
      </div>

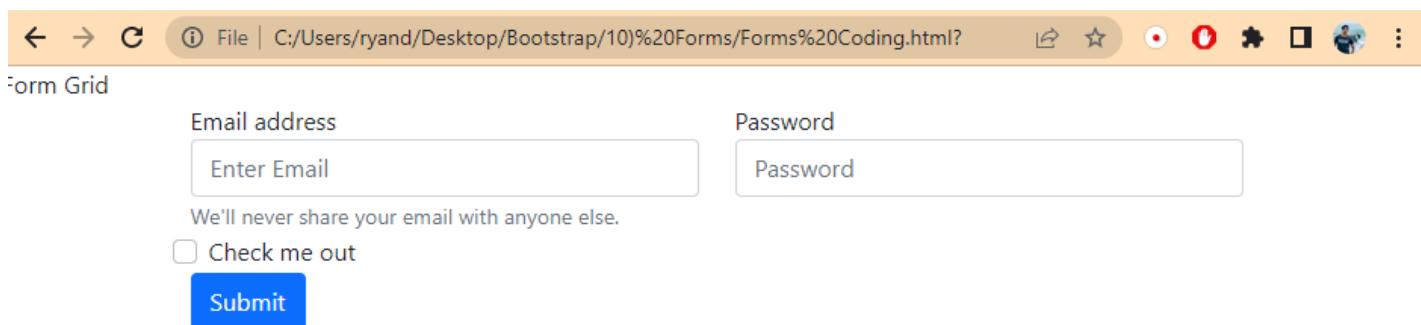
      <div class="row">
        <div class="form-group form-check">
          <input type="checkbox" class="form-check-input" id="exampleCheck1">
          <label class="form-check-label" for="exampleCheck1">Check me out</label>
        </div>
      </div>

      <button type="submit" class="btn btn-primary">Submit</button>
    </form>
  </div>
```

1st Row

2nd Row

For each text box taking 6 Grids from 12 upwards medium size of the page



Enhanced Form Grid

Normal Textbox

```
22      <!-- Enhanced Form Grid -->
23      Form Grid
24      <div class="container">
25
26          <form>
27
28              <div class="form">
29
30                  <div class="row">
31
32                      <!-- Email -->
33                      <div class="form-group col-md-6">
34                          <label for="exampleInputEmail1">Email address</label>
35                          <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter Email">
36                          <small id="emailHelp" class="form-text text-muted">We'll never share your email with anyone else.</small>
37
38                  <!-- Password -->
39                  <div class="form-group col-md-6">
40                      <label for="exampleInputPassword1">Password</label>
41                      <input type="password" class="form-control" id="exampleInputPassword1" placeholder="Password">
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112
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114
115
116
117
118
119
```

1st Row

2nd Row

Form Group

3rd Row

Form Group

Button

← → C ⓘ File | C:/Users/ryand/Desktop/Bootstrap/10%20Forms/Forms%20Coding.html? :

Form Grid

Email address	Password	
<input type="text" value="Enter Email"/>	<input type="password" value="Password"/>	
We'll never share your email with anyone else.		
<input type="checkbox"/>	Check me out	
Address		
<input type="text" value="1234 Main St"/>		
Address 2		
<input type="text" value="Apartment, studio, or floor"/>		
City	State	Zip
	<input type="text" value="California"/>	
<input type="checkbox"/>		
Check me out		
<input type="button" value="Submit"/>		

Coding

```
<!DOCTYPE html>

<html lang ="en">
<head>

    <!-- Required meta tags -->
    <meta charset ="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title> Bootstrap Coding </title>

    <!-- Bootstrap CSS -->
    <link rel =["stylesheet" href="css/bootstrap.css">

</head>

<body>

    <!-- Form Controls-->
    Form Controls
    <div class="container">

        <form>

            <!-- Email Type input-->
            <div class="form-group">
                <label for="exampleFormControlInput1">Email address</label>
                <input type="email" class="form-control" id="exampleFormControlInput1" placeholder="name@example.com">
            </div>

            <br>

            <!-- Combobox Type input-->
            <div class="form-group">
                <label for="exampleFormControlSelect1">Example select</label>
                <select class="form-control" id="exampleFormControlSelect1">
                    <option>1</option>
                    <option>2</option>
                    <option>3</option>
                    <option>4</option>
                    <option>5</option>
                </select>
            </div>

            <br>

            <!-- Multiple Selection Type input-->
            <div class="form-group">
                <label for="exampleFormControlSelect2">Example multiple select</label>
```

```

        <select multiple class="form-control"
id="exampleFormControlSelect2">
            <option>1</option>
            <option>2</option>
            <option>3</option>
            <option>4</option>
            <option>5</option>
        </select>
    </div>

    <br>

    <!-- Textarea Type input-->
    <div class="form-group">
        <label for="exampleFormControlTextareal">Example
textarea</label>
        <textarea class="form-control"
id="exampleFormControlTextareal" rows="3"></textarea>
    </div>

    <br>

    <!-- File Upload Type input-->
    <div class="form-group">
        <label for="exampleFormControlFile1">Example file
input</label>
        <br>
        <input type="file" class="form-control-file"
id="exampleFormControlFile1">
    </div>
</form>

</div>

<br><br>

<!-- Single Column Form -->
Single Column Form
<div class="container">

    <form>

        <div class="form-group">
            <label for="exampleInputEmail1">Email address</label>
            <input type="email" class="form-control"
id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter Email">
            <small id="emailHelp" class="form-text text-muted">We'll never
share your email with anyone else.</small>
        </div>

        <div class="form-group">
            <label for="exampleInputPassword1">Password</label>
            <input type="password" class="form-control"
id="exampleInputPassword1" placeholder="Password">
        </div>

        <div class="form-group form-check">
            <input type="checkbox" class="form-check-input"
id="exampleCheck1">
            <label class="form-check-label" for="exampleCheck1">Check me
out</label>
        </div>
    </form>
</div>

```

```

        <button type="submit" class="btn btn-primary">Submit</button>

    </form>
</div>

<br><br>

<!-- Form Grid -->
Form Grid
<div class="container">

    <form>

        <div class="form">

            <div class="row">

                <div class="form-group col-md-6">
                    <label for="exampleInputEmail1">Email
address</label>
                    <input type="email" class="form-control"
id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter Email">
                    <small id="emailHelp" class="form-text text-
muted">We'll never share your email with anyone else.</small>
                </div>

                <div class="form-group col-md-6">
                    <label for="exampleInputPassword1">Password</label>
                    <input type="password" class="form-control"
id="exampleInputPassword1" placeholder="Password">
                </div>

            </div>
        </div>

        <div class="row">

            <div class="form-group form-check">
                <input type="checkbox" class="form-check-input"
id="exampleCheck1">
                <label class="form-check-label"
for="exampleCheck1">Check me out</label>
            </div>

        </div>

        <button type="submit" class="btn btn-primary">Submit</button>

    </form>
</div>

<br><br>

<!-- Enhanced Form Grid -->

```

Enhanced Form Grid

```

<div class="container">

    <form>

        <div class="form">

            <div class="row">

                <!-- Email -->
                <div class="form-group col-md-6">
                    <label for="exampleInputEmail1">Email address</label>
                    <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter Email">
                    <small id="emailHelp" class="form-text text-muted">We'll never share your email with anyone else.</small>
                </div>

                <!-- Password -->
                <div class="form-group col-md-6">
                    <label for="exampleInputPassword1">Password</label>
                    <input type="password" class="form-control" id="exampleInputPassword1" placeholder="Password">
                </div>

            </div>
        </div>

        <div class="row">

            <!-- Checkbox -->
            <div class="form-group form-check">
                <input type="checkbox" class="form-check-input" id="exampleCheck1">
                <label class="form-check-label" for="exampleCheck1">Check me out</label>
            </div>

            </div>

            <!-- Address 1 -->
            <div class="form-group">
                <label for="inputAddress">Address</label>
                <input type="text" class="form-control" id="inputAddress" placeholder="1234 Main St">
            </div>

            <!-- Address 2 -->
            <div class="form-group">
                <label for="inputAddress2">Address 2</label>
                <input type="text" class="form-control" id="inputAddress2" placeholder="Apartment, studio, or floor">
            </div>

            <br>

            <div class="form">

                <div class="row">

```

```

        <!-- City -->
        <div class="form-group col-md-6">
            <label for="inputCity">City</label>
            <input type="text" class="form-control"
id="inputCity">

        </div>

        <!-- State -->
        <div class="form-group col-md-4">
            <label for="inputState">State</label>
            <select id="inputState" class="form-
control">
                <option
selected>California</option>
                <option>Texas</option>
            </select>
        </div>

        <!-- Zip -->
        <div class="form-group col-md-2">
            <label for="inputZip">Zip</label>
            <input type="text" class="form-control"
id="inputZip">
        </div>
    </div>

    <div class="form-group">

        <!-- Checkbox -->
        <div class="form-check">
            <input class="form-check-input" type="checkbox"
id="gridCheck">
            <label class="form-check-label"
for="gridCheck">Check me out
        </div>
    </div>

        <button type="submit" class="btn btn-primary">Submit</button>

    </form>
</div>

        <!-- Optional JavaScript -->
        <!-- jQuery first, then Popper.js, then Bootstrap JS -->
        <script
src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
integrity="sha384-DfXdz2htPH0lsSS5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
        <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"
integrity="sha384-9/reFTGAW83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk71N"
crossorigin="anonymous"></script>

```

```
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.min.js"
integrity="sha384-VHvPCCyXqtD5DqJeNxl2dtTyhF78xXNXdkwX1CZeRusQfRKp+tA7hAShOK/B/fQ2"
crossorigin="anonymous"></script>

</body>

</html>
```

Tips and Tricks

From this website we can get codes for more attractive web contents.

<https://mdbootstrap.com/>

We can download the source codes for more attractive parts of web pages also from Bootstrap.

<https://getbootstrap.com/docs/5.1/examples/#snippets>

Codepen is a open source software we can do HTML, CSS, JS codes and see output simultaneously. <https://codepen.io/pen>

