

Bootstrap

Bootstrap is a CSS framework

It simplifies the CSS styles.

Version of Bootstrap

Bootstrap 3.x/ Bootstrap 4.x/ Bootstrap 5.x

Syllabus

Installation of bootstrap

1. Typography
 - a. Colors
 - b. Margins
 - c. Background colors
2. Buttons
3. NavBars
4. Cards
5. Lists
6. Carousel
7. Modal
8. Spinners
9. Alerts
10. Forms
11. ProgressBar
12. DropDowns
13. Pagination

14. Badges
15. BreadCrumb
16. Jumbotron
17. Grid System
18. Toast Messages
19. ToolTips

- Bootstrap is css framework
- Bootstrap is released by [twitter](#)
- Bootstrap simplifies the CSS styles
- Current version of bootstrap is 5.x
- We can integrate the bootstrap with all technologies.

Ex: Angular, React, VueJs

We can Download Bootstrap in Two Ways

1)CDN

2)Download Locally

CDN Links

Bootstrap 5.x

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet" >
```

```
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
></script>
```

```
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.10.2/dist/umd/popper.min.js"
></script>
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.min.js"
></script>
```

Download Locally Bootstrap

Npm I bootstrap

Node modules/bootstrap/dist/css/bootstrap.min.css

```
<link rel="stylesheet"
href="node_modules/bootstrap/dist/css/bootstrap.min.css"
>
```

We can integrate in the html link tag then it is directly work

Working with Bootstrap

Typography

1. Heading Class

2. Display class

3. Lead

4. Muted

Heading class:

<p class="h1">h1. Bootstrap heading</p>

<p class="h2">h2. Bootstrap heading</p>

<p class="h3">h3. Bootstrap heading</p>

<p class="h4">h4. Bootstrap heading</p>

<p class="h5">h5. Bootstrap heading</p>

<p class="h6">h6. Bootstrap heading</p>

Display class:

<h1 class="display-1">Display 1</h1>

<h1 class="display-2">Display 2</h1>

<h1 class="display-3">Display 3</h1>

<h1 class="display-4">Display 4</h1>

<h1 class="display-5">Display 5</h1>

<h1 class="display-6">Display 6</h1>

Lead Class:

<p >

This is a lead paragraph. It stands out from regular paragraphs.

</p>

Muted class:

<h3>

Fancy display heading

<small class="text-muted">With faded secondary text</small>

</h3>

BootStrap Colors(8)

\$theme-colors: (

"primary": \$primary,

"secondary": \$secondary,

"success": \$success,

"info": \$info,

"warning": \$warning,

```
"danger": $danger,  
"light": $light,  
"dark": $dark  
);
```

Example : <p class="text-primary">primary</p>

<p class="text-primary">primary</p>

<p class="text-secondary">Secondary</p>

<p class="text-success">Success</p>

<p class="text-warning">Warning</p>

<p class="text-danger">Danger</p>

<p class="text-info">Info</p>

<p class="text-light">light</p>

<p class="text-dark">dark</p>

Background-colors

Bg-color

We can add the background colors inside the element

Example :

<p class="text-primary bg-black">primary</p>

<p class="text-secondary bg-success">Secondary</p>

<p class="text-success bg-light">Success</p>

<p class="text-warning bg-danger">Warning</p>

<p class="text-danger bg-primary">Danger</p>

<p class="text-info bg-secondary">Info</p>

<p class="text-light bg-warning">light</p>

<p class="text-dark bg-info">dark</p>

primary

Secondary

Success

Warning

Danger

Info

light

dark

Day4

1. Alerts
2. Alert -*

*=> colors(8)

1) <div class="alert alert-danger">

<p>Paragraph</p>

</div>

2) <div class="alert alert-secondary">

<p>Paragraph</p>

</div>

3) <div class="alert alert-success">

<p>Paragraph</p>

</div>

4) <div class="alert alert-info">

<p>Paragraph</p>

</div>

5) <div class="alert alert-warning">

<p>Paragraph</p>

</div>

6)<div class="alert alert-light">

<p>Paragraph</p>

</div>

7) <div class="alert alert-dark">

<p>Paragraph</p>

</div>

8)<div class="alert alert-primary">

<p>Paragraph</p>

</div>

Paragraph

Paragraph

Paragraph

Paragraph

Paragraph

Paragraph

Paragraph

Paragraph

Margins:

Bootstrap provides margin utilities to control spacing around elements. You can use them with the classes m (for all sides), mt (top), mb (bottom), ml (left), mr (right), mx (horizontal), and my (vertical).

```
<div class="m-3">Margin on all sides</div>
```

```
<div class="mt-3">Margin on top</div>
```

```
<div class="mb-3">Margin on bottom</div>
```

```
<div class="ml-3">Margin on left</div>
```

```
<div class="mr-3">Margin on right</div>
```

```
<div class="mx-3">Margin on left and right</div>
```

```
<div class="my-3">Margin on top and bottom</div>
```

Margin Sizes

Bootstrap provides margin values from 0 to 5:

- 0 → 0px
- 1 → 4px
- 2 → 8px
- 3 → 16px
- 4 → 24px

- 5 → 48px
- auto → Automatically adjust margins

Example:

<div class="m-0">No margin</div>

<div class="m-1">Small margin</div>

<div class="m-2">Medium margin</div>

<div class="m-3">Larger margin</div>

<div class="m-4">Even larger</div>

<div class="m-5">Maximum margin</div>

<div class="mx-auto">Horizontally centered</div>

Responsive Margins

You can set margins based on breakpoints:

- sm (≥576px)
- md (≥768px)
- lg (≥992px)
- xl (≥1200px)
- xxl (≥1400px)

Example

`<div class="mt-md-4">Margin on top for medium screens and above</div>`

`<div class="mx-lg-5">Margin left and right for large screens and above</div>`

Day 5

Bootstrap Buttons:

In this **container class** has predefined class it will adjust the Margins for left and right.

Container-fluid it will start the element from it starting position. It will not adjust the margin left and right.

`<button type="button" class="btn btn-primary">Primary</button>`

`<button type="button" class="btn btn-secondary">Secondary</button>`

`<button type="button" class="btn btn-success">Success</button>`

`<button type="button" class="btn btn-danger">Danger</button>`

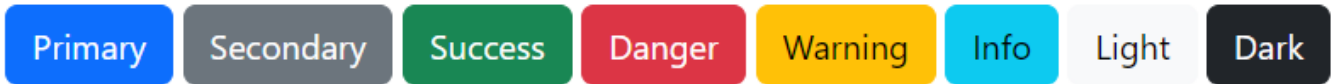
`<button type="button" class="btn btn-warning">Warning</button>`

`<button type="button" class="btn btn-info">Info</button>`

```
<button type="button" class="btn btn-light">Light</button>
```

```
<button type="button" class="btn btn-dark">Dark</button>
```

```
<button type="button" class="btn btn-link">Link</button>
```



Outline Buttons

Btn btn-outline-primary

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

```
  <button type="button" class="btn btn-outline-primary">Primary</button>
```

```
<button type="button" class="btn btn-outline-  
secondary">Secondary</button>
```

```
<button type="button" class="btn btn-outline-success">Success</button>
```

```
<button type="button" class="btn btn-outline-danger">Danger</button>
```

```
<button type="button" class="btn btn-outline-warning">Warning</button>
```

```
<button type="button" class="btn btn-outline-info">Info</button>
```

```
<button type="button" class="btn btn-outline-light">Light</button>
```

```
<button type="button" class="btn btn-outline-dark">Dark</button>
```

```
</div>
```

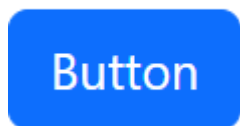


Sizes of Buttons

Large Buttons

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

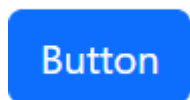
```
<button type="button" class="btn btn-secondary btn-lg">Large  
button</button>
```



Small Buttons

```
<button type="button" class="btn btn-primary btn-sm">Small  
button</button>
```

```
<button type="button" class="btn btn-secondary btn-sm">Small  
button</button>
```



Disabled Buttons

Example:

```
<button class="btn btn-primary disabled"> Button</button>
```




Block Buttons

These two are main important class for the Block Buttons

1. d-grid
2. gap

Example:

```
<div class="container">  
  <div class="d-grid gap-3">  
    <button class="btn btn-primary">Button</button>  
    <button class="btn btn-warning">Button2</button>  
  </div>  
</div>
```



Button



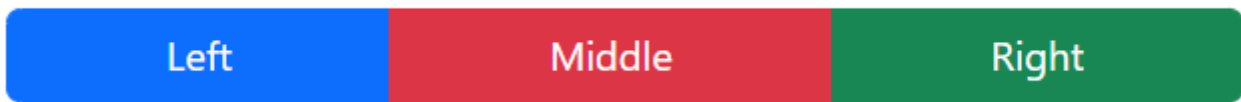
Button2

Button Group:

btn-group class is used to create the button-group.

Example:

```
<div class="btn-group container mt-5">  
  <button class="btn btn-primary">Left </button>  
  <button class="btn btn-danger">Middel </button>  
  <button class="btn btn-success">Right</button>  
</div>
```



Add Icons in the Elements we can use the font awesome icons

```
<link rel="stylesheet"  
href="https://cdnjs.cloudflare.com/ajax/libs/font-  
awesome/4.7.0/css/font-awesome.min.css">
```

Active State Buttons

Here 1 Buuton is always active state we can use the active class.

Example:

```
<div class="container mt-5">
```

```

<div class="btn-group">
  <button class="fa fa-angle-double-left btn btn-danger"
></button>
<button class="btn btn-success active">1</button>
<button class="btn btn-success">2</button>
<button class="btn btn-success">3</button>
<button class="btn btn-success">4</button>
<button class="btn btn-success">5</button>
<button class="fa fa-angle-double-right btn btn-danger"
></button>
</div>
</div>

```



Check Box Button Selected Effects:

In this Check Boxes id and for is important to display the effects

Example

```

<div class="container m-5">
  <div class="btn-group" >

```

```
<input type="checkbox" class="btn-check" name=""  
id="btn1" >
```

```
<label class="btn btn-outline-success"  
for="btn1">Angular</label>
```

```
<input type="checkbox" class="btn-check" id="btn2">  
<label class="btn btn-outline-success"  
for="btn2">React</label>
```

```
<input type="checkbox" class="btn-check" id="btn3">  
<label class="btn btn-outline-success" for="btn3">Vue  
Js</label>  
</div>  
</div>
```



BreadCrumb

Bootstrap breadcrumb is like we can also modify it.

By extracting the actual code from the

Node_modules/bootstrap/dist/css/bootstrap.css file

Home / Images / location / Contact / Login

Example:

```
.breadcrumb-item + .breadcrumb-item::before {  
  float: left;  
  padding-right: var(--bs-breadcrumb-item-padding-x);  
  color:black;  
  content: var(--bs-breadcrumb-divider, "/");  
}
```

</style>

<body>

<div class="container mt-5">

<nav>

<ol class="breadcrumb">

<li class="breadcrumb-item active">Home

```
<li class="breadcrumb-item">Images</li>
<li class="breadcrumb-item">location</li>
<li class="breadcrumb-item">Contact</li>
<li class="breadcrumb-item">Login</li>
</ol>
</nav>
</div>
```

We can modify also the shapes

```
.breadcrumb-item + .breadcrumb-item::before {
  float: left;
  padding-right: var(--bs-breadcrumb-item-padding-x);
  color: green;
  content: var(--bs-breadcrumb-divider, "#") /* rtl: var(--bs-breadcrumb-divider, "/") */;
}
```

Home # Images # location # Contact # Login

Home # Images # location # Contact # Login

Badges

```
<div class="container">

  <p class="h1">paragrapg <span class="badge bg-
success">new</span></p>

  <p class="h2">paragraph <span class="badge bg-
danger">new</span></p>


  <p class="h3">paragraph <span class="badge bg-
warning">new</span></p>

  <p class="h4">paragraph <span class="badge bg-
info">new</span></p>

  <p class="h5">paragraph <span class="badge bg-
secondary">new</span></p>

  <p class="h6">paragraph <span class="badge bg-
dark">new</span></p>

</div>
```



The visual representation shows six paragraphs stacked vertically. Each paragraph is followed by a badge with the word 'new'. The badges have different background colors: green, red, yellow, cyan, grey, and dark grey. The text 'paragrapg' is misspelled in the first line of the code and the first visual paragraph.

Rounded Badges

Rounded-pill

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

```
  <p class="h1">paragrapg <span class="badge rounded-pill  
bg-success">new</span></p>
```

```
  <p class="h2">paragraph <span class="badge rounded-pill  
bg-danger">new</span></p>
```

```
  <p class="h3">paragraph <span class="badge rounded-pill  
bg-warning">new</span></p>
```

```
  <p class="h4">paragraph <span class="badge rounded-pill  
bg-info">new</span></p>
```

```
  <p class="h5">paragraph <span class="badge rounded-pill  
bg-secondary">new</span></p>
```

```
  <p class="h6">paragraph <span class="badge rounded-pill  
bg-dark">new</span></p>
```

paragrapg

new

</div>

paragraph

new

paragraph

new

paragraph

new

paragraph

new

paragraph

new

Badge Notification

```
<article class="container mt-5">  
  <button class="btn btn-primary position-relative">Button  
    <span class="position-absolute  
      top-0  
      start-100  
      translate-middle  
      p-1  
      bg-success  
      border border-3  
      border-dark  
      rounded-pill /* rounded-circles */  
      ">+10</span>  
  </button>  
</article>
```



Spinners

1. spinner-border
2. spinner-grow
3. visually-hidden

Spinner-border:

```
<div class="container m-5">
```

```
  <div class="spinner-border text-secondary" role="status">
```

```
    <span class="visually-hidden"></span>
```

```
  </div>
```

```
<div class="spinner-border text-primary" role="status">
```

```
  <span class="visually-hidden"></span>
```

```
</div>
```

```
<div class="spinner-border text-danger" role="status">
```

```
  <span class="visually-hidden"></span>
```

```
</div>
```

```
<div class="spinner-border text-light" role="status">
```

```
  <span class="visually-hidden"></span>
```

```
</div>
```

```
<div class="spinner-border text-warning" role="status">  
  <span class="visually-hidden"></span>  
</div>
```

```
<div class="spinner-border text-dark" role="status">  
  <span class="visually-hidden"></span>  
</div>
```

```
<div class="spinner-border text-info" role="status">  
  <span class="visually-hidden"></span>  
</div>  
</div>
```



Spinner-grow

```
<div class="container m-5">
```

```
  <div class="spinner-grow text-primary">
```

```
    <span class="visually-hidden"></span>
```

```
  </div>
```

```
<div class="spinner-grow text-secondary">
```

```
  <span class="visually-hidden"></span>
```

```
</div>
```

```
<div class="spinner-grow text-danger">
```

```
  <span class="visually-hidden"></span>
```

```
</div>
```

```
<div class="spinner-grow text-warning">
```

```
  <span class="visually-hidden"></span>
```

```
</div>
```

```
<div class="spinner-grow text-info">
```

```
  <span class="visually-hidden"></span>
```

```
</div>
```

```
<div class="spinner-grow text-light">
```

```
  <span class="visually-hidden"></span>
```

```
</div>
```

```
<div class="spinner-grow text-dark">  
  <span class="visually-hidden"></span>  
</div>
```

```
</div>
```



Example:

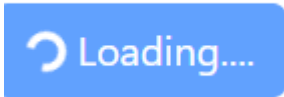
```
<div class="container m-5 bg-success p-3" width="500px">  
  <div class="spinner-border spinner-border-lg text-danger" role="status"  
    arial-hidden="true">  
    </div>  
  <span class="text-light">Loading...</span>  
</div>
```



Button With Loader

```
<button class="btn btn-primary" type="button" disabled>  
  <span class="spinner-border spinner-border-sm" role="status" arial-  
    hidden="true"></span>  
  Loading....
```

```
</button>
</body>
</html>
```



Progress Bar:

1. Progress
2. Progress-bar
3. Progress-bar-bg-colors
4. Height
5. Width
6. Progress-bar-striped
7. Progress-bar-animated

Example

```
<div class="container m-5 " >
  <div class="progress" style="height: 30px;">
    <div class="progress-bar-striped bg-success" style="width: 50%;" arial-
valuenow="0" arial-valuemin="0" arial-valuemax="100">50%</div>
  </div>
</div>
```



Example 2:

```
<div class="container m-5 " >  
  <div class="progress h-100" >  
    <div class="progress-bar progress-bar-striped progress-bar-animated bg-  
danger w-50" arial-valuenow="0" arial-valuemin="0" arial-  
valuemax="100">50%</div>  
  </div>  
</div>
```

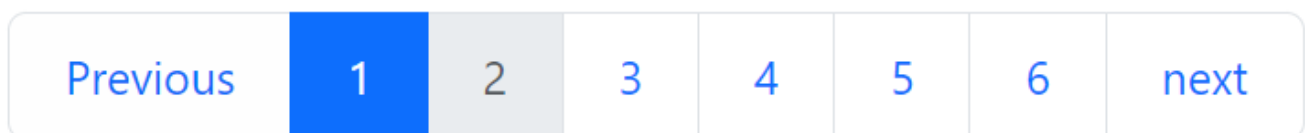


Paginations:

1. Pagination
2. alignment
3. Pagination-sizing
4. Page-item
5. Active
6. disable
7. Page-link
8. Lists ol & li
9. Anchors tags for link pages

Example:

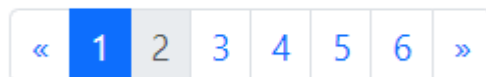
```
<div class="container m-5">
  <ul class="pagination pagination-lg justify-content-center">
    <li class="page-item"><a class="page-link" href="#">Previous
      <!-- <span arial-hidden="true">&laquo;</span> -->
    </a></li>
    <li class="page-item active"><a href="#" class="page-link">1</a></li>
    <li class="page-item disabled"><a href="" class="page-link">2</a></li>
    <li class="page-item "><a href="#" class="page-link">3</a></li>
    <li class="page-item "><a href="" class="page-link">4</a></li>
    <li class="page-item "><a href="#" class="page-link">5</a></li>
    <li class="page-item "><a href="" class="page-link">6</a></li>
    <li class="page-item"><a href="" class="page-link">next
      <!-- <span>&laquo;</span> -->
    </a></li>
  </ul>
</div>
```



Example 2:

```
<div class="container">

  <ul class="pagination pagination-sm justify-content-end">
    <li class="page-item"><a class="page-link" href="#">
      <span arial-hidden="true">&laquo;</span>
    </a></li>
    <li class="page-item active"><a href="#" class="page-link">1</a></li>
    <li class="page-item disabled"><a href="" class="page-link">2</a></li>
    <li class="page-item "><a href="#" class="page-link">3</a></li>
    <li class="page-item "><a href="" class="page-link">4</a></li>
    <li class="page-item "><a href="#" class="page-link">5</a></li>
    <li class="page-item "><a href="" class="page-link">6</a></li>
    <li class="page-item"><a href="" class="page-link">
      <span>&raquo;</span>
    </a></li>
  </ul>
</div>
```



List Group:

1. List-group
2. List-group-item
3. List-group-item-action
4. List-gropu-item-numbered
5. Active
6. Disabled
7. Anchor list-item
8. List-group-flush (To remove borders of the list group)

Example :

```
<div class="container m-5 p-3">  
  <ul class="list-group">  
    <li class="list-group-item active">One</li>  
    <li class="list-group-item">Two </li>  
    <li class="list-group-item">Three</li>  
    <li class="list-group-item">Four</li>  
    <li class="list-group-item disabled">Five</li>  
  </ul>  
</div>
```

One
Two
Three
Four
Five

Example :

```
<style>.list-group-item.active {  
    color:brown;  
    background-color: yellow;  
}</style>
```

```
<div class="container">  
  <div class="list-group">  
    <a href="" class="list-group-item list-group-item-action  
active">Html</a>  
    <a href="" class="list-group-item list-group-item-action  
>CSS</a>  
  </div>  
</div>
```

Html

CSS

List-group-flush:

```
<div class="list-group list-group-flush mt-5">  
  <a class="list-group-item">javascript</a>  
  <a href="" class="list-group-item">Angular</a>  
</div>
```

javascript

Angular

List-group-numbered:

```
<div class="list-group list-group-numbered mt-5">  
  <a class="list-group-item">Java</a>  
  <a href="" class="list-group-item">Oracle</a>  
</div>
```

1. Java

2. Oracle

Accordion:

1. Accordion **accordionExample**
2. Accordion-item
3. Accordion-header
4. Accordion-button **data-bs-toggle="collapse" (Jquery)**
5. Data-bs-target="#collapseOne"
6. Accordion-collapse collapse show
7. Data-bs-parent="#accordionExample"
8. Accordion-body

For this accordion we have to use Jquery to hide and show the button

We can add the cdn link in the html

CND LINK :

```
<script  
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"  
integrity="sha384-  
IQsoLXI5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"  
crossorigin="anonymous"></script>
```

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

Example:

```
<div class="container m-5">
```

```
<div class="accordion" id="my_parent">
```

```
<div class="accordion-item">
```

```
<h2 class="accordion-header">
```

```
<button class="accordion-button" data-bs-toggle="collapse"  
data-bs-target="#target-1">
```

Button

```
</button>
```

```
</h2>
```

```
<div id="target-1" class="accordion-collapse collapse show"  
data-bs-parent="#my_parent">
```

```
<div class="accordion-body">
```

Lorem ipsum dolor sit amet consectetur adipisicing elit.

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

Button



Lorem ipsum dolor sit amet consectetur adipisicing elit. Lorem ipsum dolor sit amet consectetur, adipisicing elit. Error excepturi eveniet amet atque veniam aperiam saepe pariatur magnam dolore est?

Button



Card:

1. Card
2. Card-img-top
3. Card-body
4. Card-title
5. Card-text
6. Card-subtitle

Example:

```
<style>
```

```
.container{
```

```
display: grid;
grid-template-rows: 100px;
grid-template-columns: 200px 200px;
column-gap: 50px;
}
```

```
</style>
```

```
<div class="container m-5">
```

```
<div class="card m-5" style="width: 180px">
```

```

```

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

```
<h5 class="card-title">Images</h5>
```

```
<p class="card-text">This Imag</p>
```

```
<button class="btn btn-success btn-lg">GO</button>
```

```
</div>
```

```
</div>
```

```
<div class="m-5">
```

```
<div class="card" style="width: 180px;">
```

```

```

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

```
<h4 class="card-title">Shiva</h4>
<p class="card-text">Lorem7</p>
<button class="btn btn-warning btn-lg">
Temple</button>
</div>
</div>
</div>
</div>
```



Images

This Imag

GO



Shiva

Lorem7

Temple

Copy

```
<div class="card" style="width: 18rem;">
  <div class="card-body">
    <h5 class="card-title">Card title</h5>
    <h6 class="card-subtitle mb-2 text-muted">Card subtitle</h6>
    <p class="card-text">Some quick example text to build on the card title and make up the body of the card.</p>
    <a href="#" class="card-link">Card link</a>
    <a href="#" class="card-link">Another link</a>
  </div>
</div>
```

Card SubTitled:

```
<div class="card mb-5" style="width:180px; >
  
  <div class="card-body">
    <h5 class="card-title">Beach</h5>
    <h4 class="card-subtitle text-muted mb-2" >Vizag</h4>
    <p class="card-text">Lorem ipsum dolor sit, amet
consectetur adipisicing elit. Quo.</p>
  <button class="btn btn-info">Click here</button>
  </div>
</div>
</div>
```



Beach Vizag

Lorem ipsum dolor
sit, amet consectetur
adipiscing elit. Quo.

[Click here](#)

Carousel:

Carousel

Slide

Data-bs-ride="carousel"

Carousel-inner

Carousel-item

Carousel-indicators

Carousel Controls

Active

d-block w-100

Example:

```
<style>
```

```
  img {  
    height: 500px;  
    width: 500px;  
  }
```

```
</style>
```

```
<div class="container m-5">
```

```
  <div id="carouselExample" class="carousel slide" data-bs-  
ride="carousel">
```

```
    <div class="carousel-inner">
```

```
      <div class="carousel-item active" data-bs-  
interval="3000">
```

```
        
```

```
      </div>
```

```
    <div class="carousel-item" data-bs-interval="3000">
```

```
100">
```

```
</div>
```

```
<div class="carousel-item" data-bs-interval="3000">
```

```

```

```
</div>
```

```
<div class="carousel-item" data-bs-interval="3000">
```

```

```

```
</div>
```

```
</div>
```

```
<!-- Optional: Carousel Controls -->
```

```
<button class="carousel-control-prev" type="button"  
data-bs-target="#carouselExample" data-bs-slide="prev">
```

```
<span class="carousel-control-prev-icon" aria-  
hidden="true"></span>
```

```
<span class="visually-hidden">Previous</span>  
</button>
```

```
<button class="carousel-control-next" type="button"  
data-bs-target="#carouselExample" data-bs-slide="next">
```

```
<span class="carousel-control-next-icon" aria-  
hidden="true"></span>
```

```
<span class="visually-hidden">Next</span>
```

```
</button>
```

```
</div>
```

```
</div>
```

Carousel-indicators:

```
<style>
```

```
img {
```

```
    height: 500px;
```

```
    width: 500px;
```

```
}
```

```
</style>
```

```
<div class="container m-5">
```

```
    <div id="carouselExample" class="carousel slide" data-bs-  
ride="carousel">
```

```
        <!-- Carousel Indicators -->
```

```
        <div class="carousel-indicators">
```

```
<button type="button" data-bs-target="#carouselExample" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
```

```
<button type="button" data-bs-target="#carouselExample" data-bs-slide-to="1" aria-label="Slide 2"></button>
```

```
<button type="button" data-bs-target="#carouselExample" data-bs-slide-to="2" aria-label="Slide 3"></button>
```

```
<button type="button" data-bs-target="#carouselExample" data-bs-slide-to="3" aria-label="Slide 4"></button>
```

```
</div>
```

```
<!-- Carousel Inner -->
```

```
<div class="carousel-inner">
```

```
<div class="carousel-item active" data-bs-interval="3000">
```

```

```

```
</div>
```

```
<div class="carousel-item" data-bs-interval="3000">
```

```

```

```
</div>
```

```
<div class="carousel-item" data-bs-interval="3000">
```

```

```

```
</div>
```

```
<div class="carousel-item" data-bs-interval="3000">
```

```

```

```
</div>
```

```
</div>
```

<!-- *Carousel Controls* -->

```
<button class="carousel-control-prev" type="button" data-bs-target="#carouselExample" data-bs-slide="prev">
```

```
<span class="carousel-control-prev-icon" aria-hidden="true"></span>
```

```
<span class="visually-hidden">Previous</span>
```

```
</button>
```

```
<button class="carousel-control-next" type="button" data-bs-target="#carouselExample" data-bs-slide="next">
```

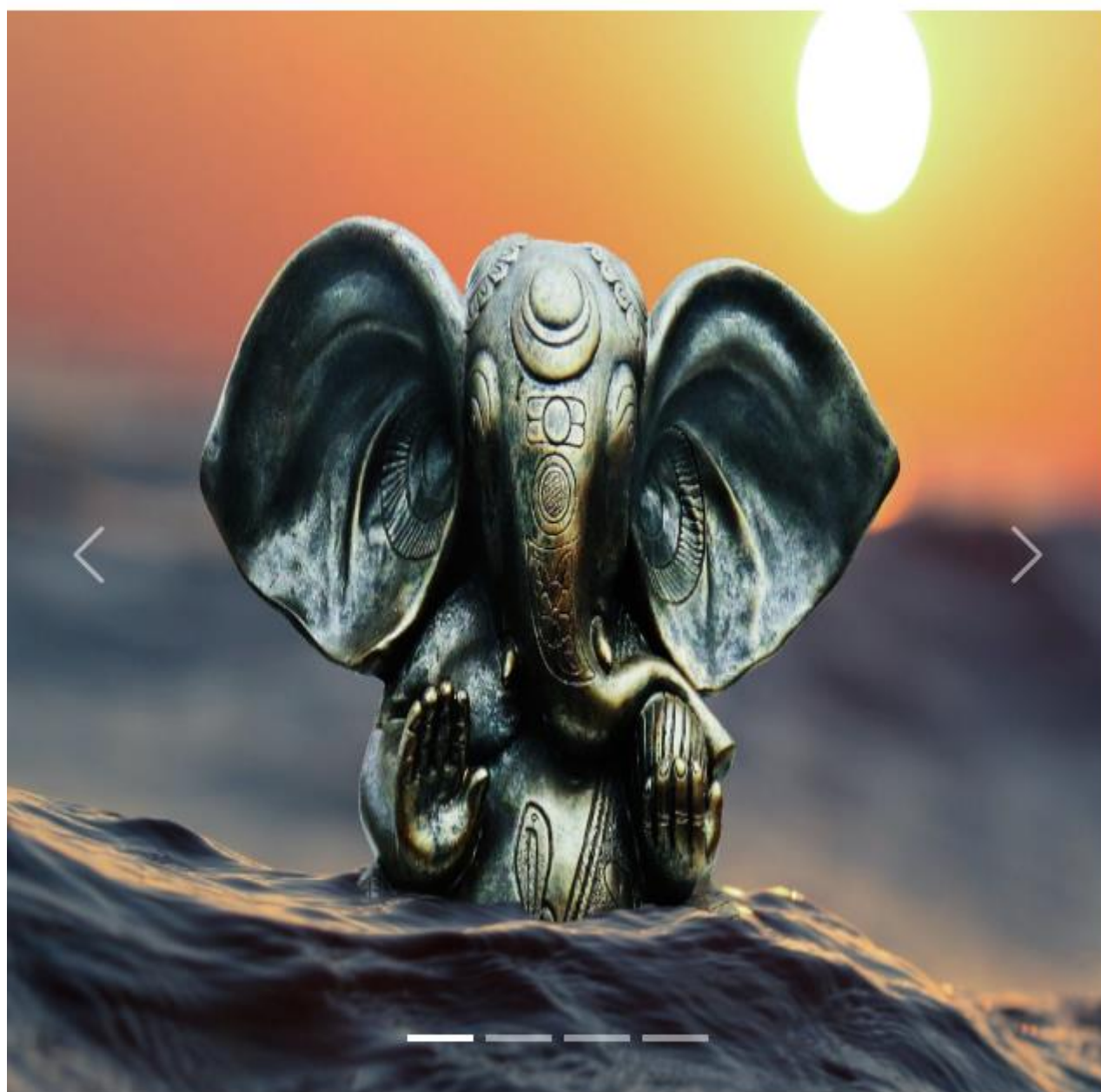
```
<span class="carousel-control-next-icon" aria-hidden="true"></span>
```

```
<span class="visually-hidden">Next</span>
```

```
</button>
```

```
</div>
```

</div>



Drop-down:

1. drop-down
2. Button
3. dropdown-toggle
4. dropdown-toggle-split
5. Id="dropdownmenubutton1"
6. data-bs-toogle="dropdown "
7. Ul > li
8. dropdown-menu, dropdown-item
9. dropdown-menu-dark
10. dropdown-divider

Example:

```
<div class="container m-5 " >
```

```
  <div class="dropdown">
```

```
    <button class="dropdown-toggle btn btn-primary btn-lg "
id="dropmenu" data-bs-toggle="dropdown" >Click
Here</button>
```

```
  <ul class="dropdown-menu">
```

```
    <li class="dropdown-item">Hello</li>
```

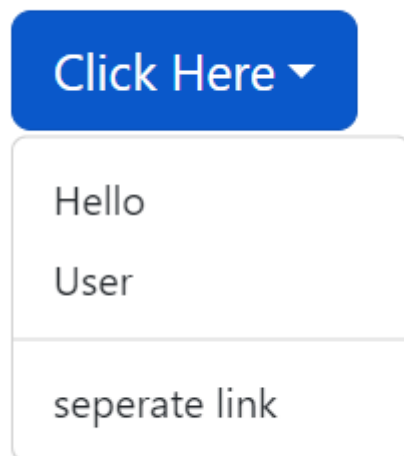
```
    <li class="dropdown-item">User</li>
```

```
    <li class="dropdown-divider">seperate link</li>
```

```
    <li class="dropdown-item">seperate link</li>
```


</div>

</div>



Example 2:

```
<div id="two" class="container-fluid mt-5 p-5">
```

```
<div class="btn-group">
```

```
<button class="btn btn-success btn-sm">Follow me</button>
```

```
<button class="btn btn-success dropdown-toggle dropdown-  
toggle-split" data-bs-toggle="dropdown" ></button>
```

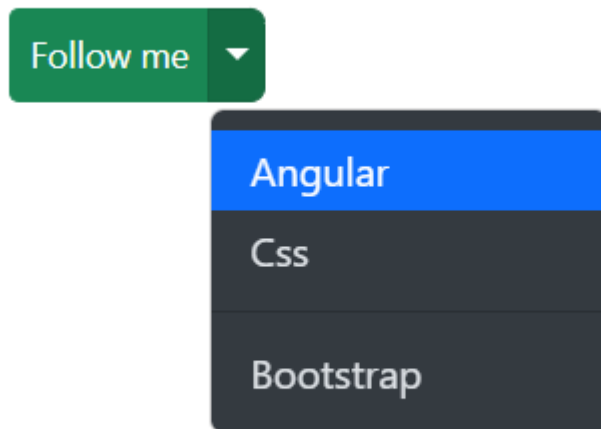
```
<ul class="dropdown-menu dropdown-menu-dark">
```

```
<li class="dropdown-item active">Angular</li>
```

```
<li class="dropdown-item">Css</li>
```

```
<li class="dropdown-divider"></li>
```

```
<li class="dropdown-item">Bootstrap</li>
</ul>
</div>
</div>
```



Modal Class:

1. Modal

2. Fade (effect)
3. Tabindex="-1"
4. data-bs-backdrop="static"
5. data-bs-keyboard="false"
6. Modal-dialog
7. modal-dialog-centered
8. modal-dialog modal-dialog-centered modal-dialog-scrollable
9. Modal-content
10. Modal-header
11. Modal-title
12. Button btn-close data-bs-dismiss="modal"
13. Modal-body
14. Modal-footer

Button data-bs-dismiss="modal"

Our default modal without modifier class constitutes the "medium" size modal

Size	Class	Modal max-width
Small	<code>.modal-sm</code>	300px
Default	None	500px
Large	<code>.modal-lg</code>	800px
Extra large	<code>.modal-xl</code>	1140px

Our default modal without modifier class constitutes the "medium" size modal

Example:

```
<button class="btn btn-outline-primary m-5" data-bs-  
toggle="modal" data-bs-target="#exampleModal">Click  
Me!</button>
```

```
<div class="container">  
  <div class="modal fade " id="exampleModal" tabindex="-1"  
data-bs-backdrop="static" data-bs-keyboard="false">  
    <div class="modal-dialog modal-dialog-centered modal-  
dialog-scrollable modal-sm">  
      <div class="modal-content">  
        <div class="modal-header">  
          <div class="modal-title">Modal Title</div>  
          <Button class="btn-close" data-bs-  
dismiss="modal"></Button>  
        </div>  
        <div class="modal-body">  
          <p>Modal Body Text here</p>  
        </div>  
        <div class="modal-footer">
```

```
<button classs="btn btn-primary" data-bs-dismiss="modal">Close</button>
```

```
<button class="btn btn-success" data-bs-dismiss="modal">Save Changes</button>
```

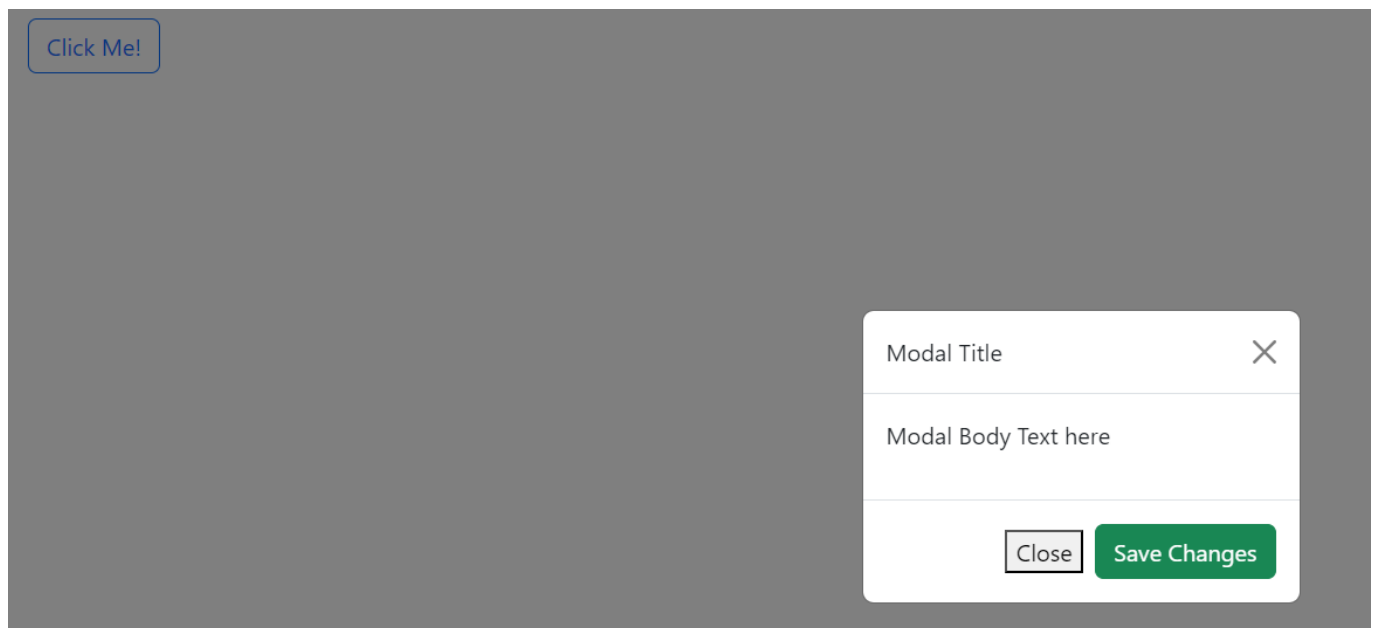
```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```



NavBars:

Navbar

Navbar-expand-lg

Navbar-light

Bg-light

Container-fluid

Navbar-brand

```
<button>Navbar-toggler , data-bs-toggle="collapse",  
data-bs-target="value" </button>
```

```
<span> navbar-toggler-icon </span>
```