

## **Bootstrap: What is Bootstrap?**

- ✓ Open Source front end Or UI framework for fast web development.
- ✓ Pre-made HTML/CSS template & classes.
- ✓ JavaScript widgets & plugins.
- ✓ Mobile first, responsive layout.

**Current Version of Bootstrap: 4.5**

## **Advantages→**

- Browser compatibility.
- Faster development.
- Good for devs that lack design / UI skills.
- Easy to learn.
- Responsive Layouts.

## **Installation Ways→**

- Include The CDN
- Download & Include Files
- Packages Managers -NPM/Yarn

## **Utilities and Components of Bootstrap→**

- Grid System
- Text & Typography
- Positioning
- Spacing
- Sizing
- Alignment
- Colors
- Images
- Responsive Utilities
- Shadows

## **CSS Components→**

- Forms & Input Groups
- Tables
- List Groups
- Cards

- Progress Bars
- Alerts
- Navbar & Menus
- Buttons & Button Groups
- Pagination
- Media Objects
- Jumbotron
- Badges

## JavaScript Widgets→

- Carousel Slider
- Collapsible Accordin
- Modals
- Tooltips
- Popovers
- ScrollSpy

## what's New in Bootstrap4?

### Buttons Styles & Flat Design→

- Flat style Over gradient
- More subtle look
- More Color Classes
- .btn-outline-\*class

### Improved Grid system & Layout→

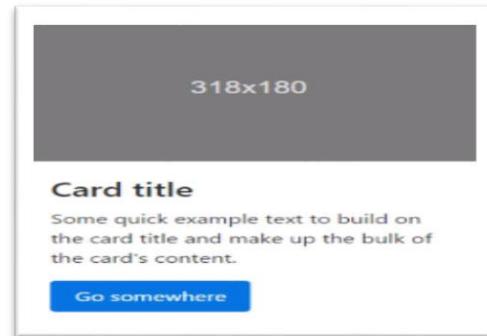
- Changes in the underlined architecture
- Rem & em units instead of pixels
- New -xl tier for extra large screens
- Grid now uses flexbox

### Flexbox→

- Includes flexbox utilities
- Use flexbox to manage grids, navigation, components and more
- Display utilities can transform children items into flex items
- <div class= "d-flex p-2 "> I'm a flexbox container! </div>

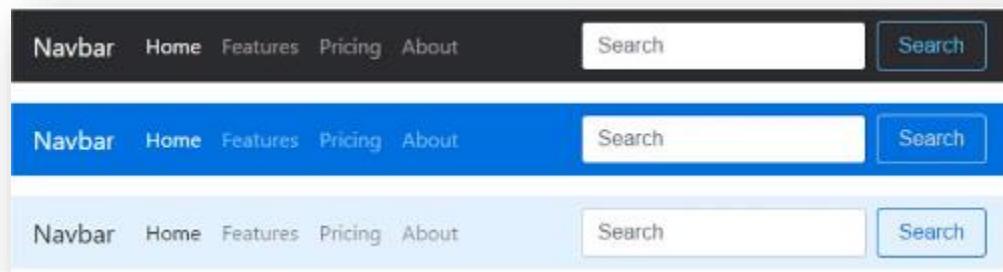
## Cards→

- Cards replace panels, wells and thumbnails
- Uses flexboxGet same behaviour with modifiers
- As little mark-up as possible
- .card-body instead of .well
- Use .card-title for titles
- Image Headings



## Changes To The NavBar

- Flat design.
- Uses flexbox instead of floats.
- Wrapping .navbar with .navbar-expand{-sm | -md | -lg | -x|} for responsive collapse.
- Color Schemes.



## Form Changes→

- Dropped the .form-horizontal class
- Forms using grids require the .row class and can use .col-form-label for labels

- Use .form-control-lg and .form-control-sm to increase or decrease the size of an input control
- Help text now uses the .form-text class instead of .help-block

## Sass CSS Pre-Compiler→

- Moved from Less to Sass
- As of v3 a Sass port was created and maintained
- Sass is favoured in the web dev community
- Use of libass to compiler faster

## Some other changes

- Bigger fonts and headings
- Dropped support for IE8 + IE9
- Reboot module
- Inversed tables (.table-dark)
- Glyphicons dropped (font-awesome recommended)
- Sizing & Spacing classes

Note: one rem= 16px

## Typography and Utilities

### Headings and Basic Typography

H1 property is used to specifying the size

```
<!-- HEADINGS -->
<h1>Heading One</h1>
<h2>Heading Two</h2>
<h3>Heading Three</h3>
<h4>Heading Four</h4>
<h5 class="h1">Heading Five</h5>
<h6>Heading Six</h6>
```

Display -1 attribute used for specifying the size

```
<!-- DISPLAY CLASSES -->
<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>
```

It Increase the font weight and size

```
<!-- LEAD -->
<p class="lead">
    Lorem ipsum dolor sit amet, consectetur adipisicing elit. Aperiam dolore
    repellendus veniam consequatur vero numquam voluptatem quam ab expedita
    eum, ipsam? Necessitatibus dicta quaerat, vitae dolorum, dolor autem
    reiciendis sapiente.
</p>
```

Used to proper space

```
<!-- MONOSPACE PARAGRAPH -->
<p class="text-monospace">My monospace paragraph</p>
```

Used to styling the fonts

```
<!-- STYLE CLASSES -->
<p class="font-weight-bold">Bold Text</p>
<p class="font-weight-normal">Normal Text</p>
<p class="font-italic">Italic Text</p>
```

Used for TEXT TRANSFORMS

```
<!-- TEXT TRANSFORMS -->
<p class="text-lowercase">MAKE LOWERCASE</p>
<p class="text-uppercase">make uppercase</p>
<p class="text-capitalize">make capitalized</p>
```

Used for align the texts

```
<!-- BLOCKQUOTES -->
<blockquote class="blockquote">
    <p>This is a blockquote</p>
</blockquote>
```

Used for align the texts

```
<!-- BLOCKQUOTE RIGHT ALIGNED -->
<blockquote class="blockquote text-right">
  <p>This is a blockquote aligned right</p>
</blockquote>
<blockquote class="blockquote text-center">
  <p>This is a blockquote aligned right</p>
</blockquote>
<blockquote class="blockquote text-left">
  <p>This is a blockquote aligned right</p>
</blockquote>
```

Align at bottom called as footer

```
<!-- BLOCKQUOTE WITH FOOTER -->
<blockquote class="blockquote text-right">
  <p>
    Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer
    posuere erat a ante.
  </p>
  <footer class="blockquote-footer">
    Someone famous in
    <cite title="Source Title">Source Title</cite>
  </footer>
</blockquote>
```

Truncate is used to multiple line text can be converted  
in a single line

```
<!-- TEXT TRUNCATE -->
<div class="text-truncate">
  Lorem, ipsum dolor sit amet consectetur adipisicing elit. Assumenda
  repellat nobis sunt qui consequatur architecto veritatis, iure odit,
  debitis pariatur perspiciatis? Asperiores facere veniam, totam ullam
  dignissimos voluptate atque! Eos, animi quos. Sint magni nulla provident
  et consequatur officia tempora!</div>
```

```
<!-- LISTS -->
<ul>
  <li class="list-unstyled">Lorem ipsum dolor sit amet.</li>
  <li class="list-unstyled">Lorem ipsum dolor sit amet.</li>
  <li class="list-unstyled">Lorem ipsum dolor sit amet.</li>
  <li class="list-unstyled">Lorem ipsum dolor sit amet.</li>
</ul>

<!-- INLINE LIST -->
<ul>
  <li class="list-inline-item">Lorem ipsum</li>
  <li class="list-inline-item">Lorem ipsum</li>
  <li class="list-inline-item">Lorem ipsum</li>
</ul>
</div>
```

Used to align the list and unstyling (bullets)

## Text Alignment and Display

```
<!-- JUSTIFY -->
<p class="text-justify">
  Lorem ipsum dolor sit amet, consectetur adipisicing elit. Beatae
  asperiores dolorem accusamus dolor eligendi, unde adipisci a odio, quas
  aperiam tempora earum delectus magnam quia veritatis in! Natus quibusdam
  dolores architecto magni rem! Error repellat esse dolorem dolore neque
  odit rem non accusamus eligendi ab nesciunt dicta voluptatibus velit,
  vel obcaecati quisquam optio reiciendis soluta tempora, voluptatum
  sapiente eos? Explicabo provident sit commodi blanditiis assumenda dolor
  ex aliquid aut beatae porro necessitatibus eos, neque distinctio non
  amet nemo et! Ipsum, dolorum quis at perferendis corporis iure aliquid
  illo, deserunt impedit, quod nam! Molestias atque voluptatem numquam
  veritatis ex mollitia eveniet.</p>
```

Justify is used to Align the text

This is used to align the text at right left and centre

```
<!-- ALIGNMENT -->
  <p class="text-left">Text aligned left</p>
  <p class="text-right">Text aligned center</p>
  <p class="text-center">Text aligned right</p>
```

Align the text at responsive screen size

```
<!-- RESPONSIVE ALIGN -->
  <p class="text-sm-right">Right aligned on small or larger</p>
  <p class="text-md-right">Right aligned on medium or larger</p>
  <p class="text-lg-right">Right aligned on large or larger</p>
  <p class="text-xl-right">Right aligned on xl or larger</p>
```

baseline top bottom middle text-top text-bottom

```
<!-- VERTICAL ALIGNMENT -->
  <span class="align-baseline">baseline</span>
  <span class="align-top">top</span>
  <span class="align-bottom">bottom</span>
  <span class="align-middle">middle</span>
  <span class="align-text-top">text-top</span>
  <span class="align-text-bottom">text-bottom</span>
```

It Turns inline block level content into inline

```
<!-- TURN BLOCK TO INLINE -->
  <h1 class="d-inline bg-success">Hello</h1>
  <h1 class="d-inline bg-success">Goodbye</h1>
```

It turns inline content to block level content

```
<!-- TURN INLINE TO BLOCK -->
<span class="d-block bg-primary">Block</span>
```

Inline block level content

```
<!-- INLINE BLOCK -->
<div class="d-inline-block bg-warning">
  <h3>Hello</h3>
  This is inline
</div>
<div class="d-inline-block bg-warning">
  <h3>Hello</h3>
  This is inline
</div>
</div>
```

## Floats and Fixed Positions

Used to float the content right left

```
<!-- FLOATS -->
<div class="float-left">Float left</div>
<br />
<div class="float-right">Float right</div>
<br />
<div class="float-none">Float none</div>
```

Used for align the text responsively using float

```
-- RESPONSIVE FLOATS -->
<div class="float-sm-right">Float right on small or wider</div>
<br />
<div class="float-md-right">Float right on medium or wider</div>
<br />
<div class="float-lg-right">Float right on large or wider</div>
<br />
<div class="float-xl-right">Float right on extra large or wider</div>
<br />

<div class="float-sm-left">Float left on small or wider</div>
<br />
<div class="float-md-left">Float left on medium or wider</div>
<br />
<div class="float-lg-left">Float left on large or wider</div>
<br />
<div class="float-xl-left">Float left on extra large or wider</div>
<br />

<div class="float-sm-none">Float none on small or wider</div>
<br />
<div class="float-md-none">Float none on medium or wider</div>
<br />
<div class="float-lg-none">Float none on large or wider</div>
<br />
<div class="float-xl-none">Float none on extra large or wider</div>
```

Fixes the position at the top of the page

Fixes the position at the middle of the page

Fixes the position at the bottom of the page

```
<!-- FIXED TOP -->
<h3 class="fixed-top">Fixed Top</h3>
```

```
<!-- FIXED STICKY -->
<h3 class="sticky-top">Sticky</h3>
<h3 class="fixed-bottom">Fixed Bottom</h3>
```

## Colors and Backgrounds

Unique text colours

```
<!-- TEXT COLORS -->
<p class="text-primary">Text Primary Color</p>
<p class="text-secondary">Text Secondary Color</p>
<p class="text-success">Text Success Color</p>
<p class="text-info">Text Info Color</p>
<p class="text-warning">Text Warning Color</p>
<p class="text-danger">Text Danger Color</p>
<p class="text-light">Text Light Color</p>
<p class="text-dark">Text Dark Color</p>
<p class="text-white">Text White Color</p>
<p class="text-muted">Text Muted</p>
<p class="text-black-50">Text Black 50</p>
<p class="text-white-50">Text White 50</p>
```

HTML links

```
<!-- LINK COLORS -->
<p>
    <a href="#" class="text-primary">Primary link</a>
</p>
<p>
    <a href="#" class="text-secondary">Secondary link</a>
</p>
<p>
    <a href="#" class="text-success">Success link</a>
</p>
<p>
    <a href="#" class="text-info">Info link</a>
</p>
<p>
    <a href="#" class="text-warning">Warning link</a>
</p>
<p>
    <a href="#" class="text-danger">java</a>
</p>
<p>
    <a href="#" class="text-light">Light link</a>
</p>
```

```
<p>
  <a href="#" class="text-dark">Dark link</a>
</p>
<p>
  <a href="#" class="text-muted">Muted link</a>
</p>
<p>
  <a href="#" class="text-white">White link</a>
</p>
```

Different background colours

```
<!-- BACKGROUND COLORS -->
<div class="bg-primary text-white">Background Primary Color</div>
<div class="bg-secondary">Background Secondary Color</div>
<div class="bg-success">Background Success Color</div>
<div class="bg-info">Background Info Color</div>
<div class="bg-warning">Background Warning Color</div>
<div class="bg-danger">Background Danger Color</div>
<div class="bg-light">Background Light Color</div>
<div class="bg-dark text-light">Background Dark Color</div>
<div class="bg-white text-black">Background White Color</div>
<div class="bg-transparent">Background Transparent</div>
```

Used for hide the text

```
<!-- INVISIBLE -->
<p class="invisible">Hello</p>
```

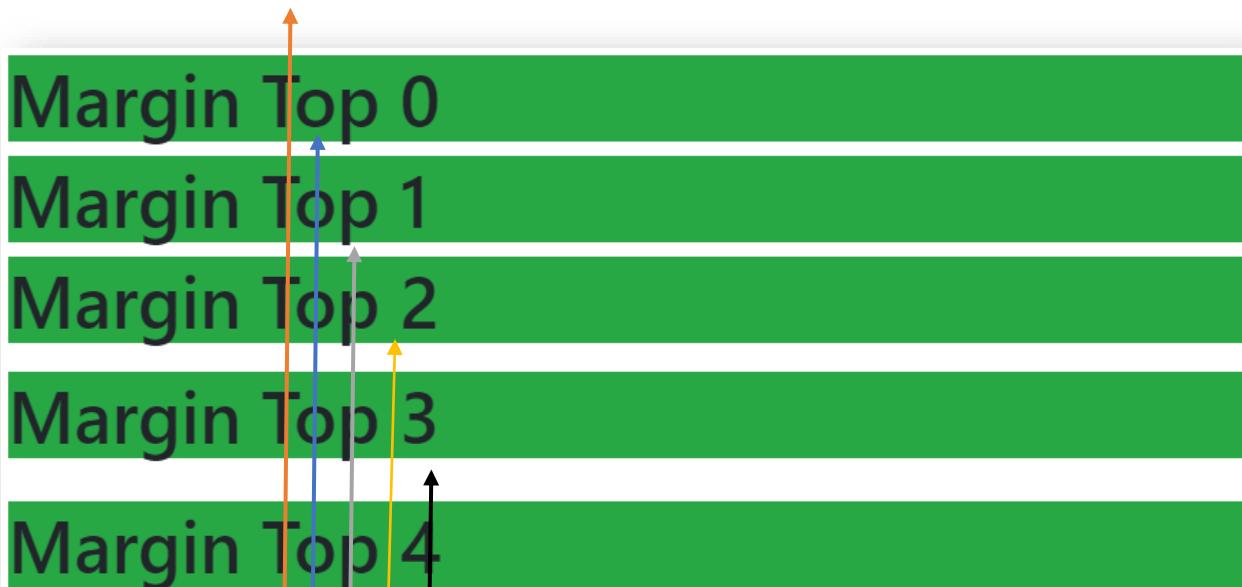
## Margin and Padding

→ Here Mb stand for Margin\_bottom

Margin Bottom 0  
Margin Bottom 1  
Margin Bottom 2  
Margin Bottom 3  
Margin Bottom 4  
Margin Bottom 5

```
<!-- MB MARGIN BOTTOM -->
<h1 class="mb-0 bg-success">Margin Bottom 0</h1>
<h1 class="mb-1 bg-success">Margin Bottom 1</h1>
<h1 class="mb-2 bg-success">Margin Bottom 2</h1>
<h1 class="mb-3 bg-success">Margin Bottom 3</h1>
<h1 class="mb-4 bg-success">Margin Bottom 4</h1>
<h1 class="mb-5 bg-success">Margin Bottom 5</h1>
```

→ Here Mt Stands for Margin\_top



```
<!-- MT MARGIN TOP -->
  <h1 class=" mt-0 bg-success">Margin Top 0</h1>
  <h1 class=" mt-1 bg-success">Margin Top 1</h1>
  <h1 class=" mt-2 bg-success">Margin Top 2</h1>
  <h1 class=" mt-3 bg-success">Margin Top 3</h1>
  <h1 class=" mt-4 bg-success">Margin Top 4</h1>
```

Margin Right 5      dolor sit amet,      Margin Left 3 elit. Voluptatum, optio.

```
<!-- ML & MR -->
  <p>
    <span class="mr-5 bg-success">Margin Right 5</span> dolor sit amet,
    <span class="ml-3 bg-success">Margin Left 3 </span> elit. Voluptatum,
    optio.</p>
```

→ **Mx** is used for it will add the space to left and right side of the content.

Margin Right 5

dolor sit amet,

Margin Left 3 elit. Voluptatum, optio.

```
<!-- MX MARGIN LEFT RIGHT -->
<p>
    Lorem ipsum <span class="mx-5 bg-success">Margin Left & Right 5</span>,
    consectetur elit. Voluptatum, optio.
</p>
```

→ **My** will add the space to top and bottom of the content.

Lorem ipsum dolor sit amet, consectetur elit. Voluptatum, optio.

Margin Top & Bottom 5

Lorem ipsum dolor sit amet, consectetur elit. Voluptatum, optio.

```
<!-- MY MARGIN TOP BOTTOM -->
<p>Lorem ipsum dolor sit amet, consectetur elit. Voluptatum, optio.</p>
<p class="my-5 bg-success">Margin Top & Bottom 5</p>
```

→ M will add the space at all four the sides.

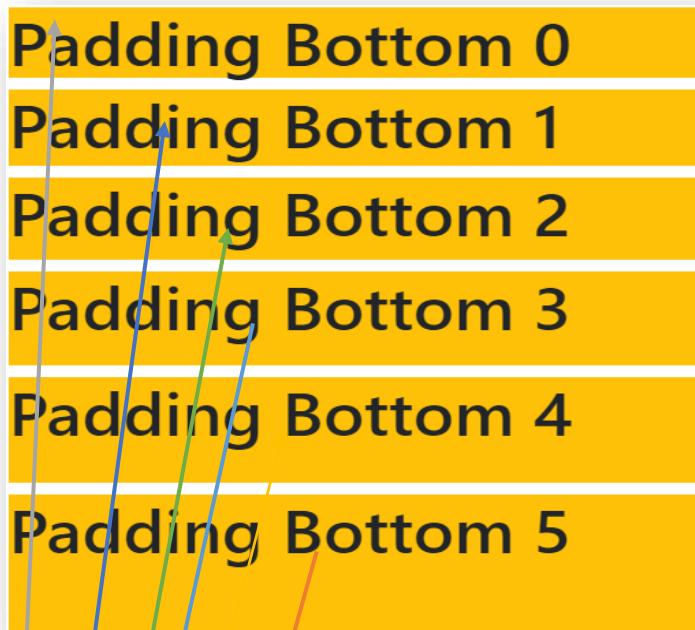
Lorem ipsum dolor sit amet, consectetur elit. Voluptatum, optio.

Margin All Sides 5

Lorem ipsum dolor sit amet, consectetur elit. Voluptatum, optio.

```
<!-- BLANK - ALL SIDES -->
<p>Lorem ipsum dolor sit amet, consectetur elit. Voluptatum, optio.</p>
<p class="m-5 bg-success">Margin All Sides 5</p>
<p>Lorem ipsum dolor sit amet, consectetur elit. Voluptatum, optio.</p>
```

→ **Pb** will add the space inside at the bottom of the content.



```
<!-- PB PADDING BOTTOM -->
<h1 class="pb-0 bg-warning">Padding Bottom 0</h1>
<h1 class="pb-1 bg-warning">Padding Bottom 1</h1>
<h1 class="pb-2 bg-warning">Padding Bottom 2</h1>
<h1 class="pb-3 bg-warning">Padding Bottom 3</h1>
<h1 class="pb-4 bg-warning">Padding Bottom 4</h1>
<h1 class="pb-5 bg-warning">Padding Bottom 5</h1>
```

→**Pt** will add the space inside at the above the content.



```
<!-- PT PADDING TOP -->
<h1 class="pt-0 bg-warning">Padding Top 0</h1>
<h1 class="pt-1 bg-warning">Padding Top 1</h1>
<h1 class="pt-2 bg-warning">Padding Top 2</h1>
<h1 class="pt-3 bg-warning">Padding Top 3</h1>
<h1 class="pt-4 bg-warning">Padding Top 4</h1>
<h1 class="pt-5 bg-warning">Padding Top 5</h1>
```

→ PI and PR used for padding left and right.

The diagram shows a yellow box containing the text "dolor sit amet, elit. Voluptatum, optio.". Above the box, two orange arrows point from the text "Padding Right 5" and "Padding Left 3" to the right and left edges of the yellow box respectively. Below the box is a code block:

```
<!-- PL & PR -->
<p>
  <span class="bg-warning pr-5">Padding Right 5</span> dolor sit amet,
  <span class="bg-warning pr-3">Padding Left 3 </span> elit. Voluptatum,
  optio.
</p>
```

→ Px is used for add the space inside right and left of the content.

The diagram shows a yellow box containing the text "Lorem ipsum dolor sit amet, consectetur elit. Voluptatum, optio.". Two blue arrows point from the text "Padding Left & Right 5" to the left and right edges of the yellow box. Below the box is a code block:

```
<!-- PX PADDING LEFT RIGHT -->
<p>
  Lorem ipsum <span class="px-5 bg-warning">Padding Left & Right 5</span>,
  consectetur elit. Voluptatum, optio.
</p>
```

→ Py will add the space inside at top and bottom of the content.

The diagram shows a yellow box containing the text "Padding Top & Bottom 5". Two blue arrows point from the text "Padding Top & Bottom 5" to the top and bottom edges of the yellow box. Below the box is a code block:

```
<!-- PY PADDING TOP BOTTOM -->
<p class="bg-warning">Padding Top & Bottom 5</p>
```

→ **P** will add the space inside at all the sides.

Padding All Sides 5

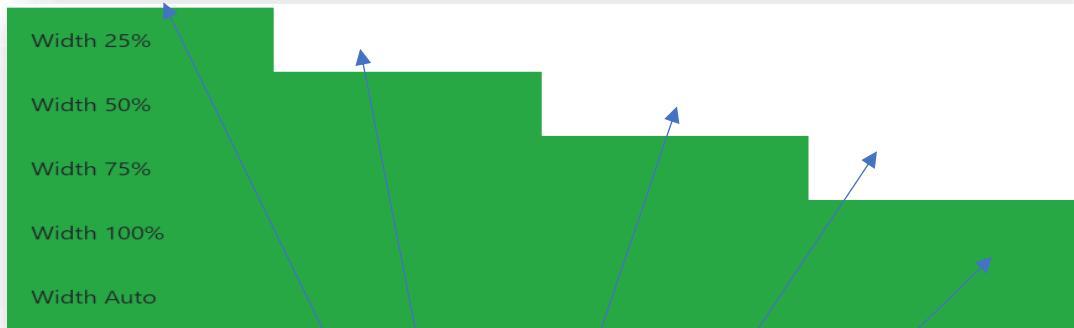
```
<!-- ALL SIDES -->
<p class="bg-warning">Padding All Sides 5</p>
```

→ **mx-auto** will place the text-content at center.

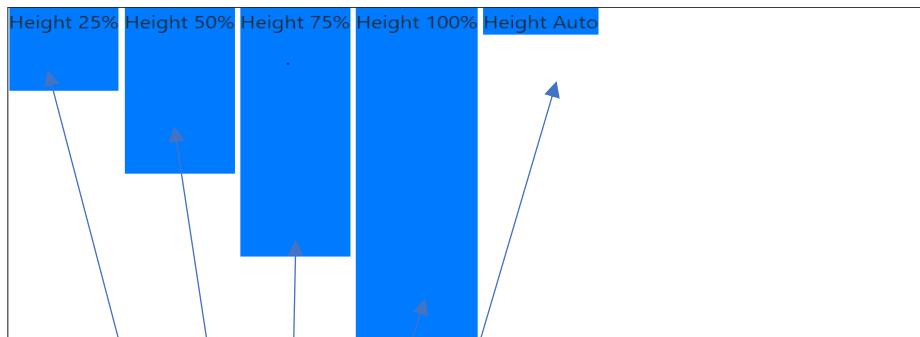
Horizontal Centering

```
<!-- HORIZONTAL CENTERING -->
<div class="bg-info mx-auto" style="width: 200px;">
    Horizontal Centering
</div>
```

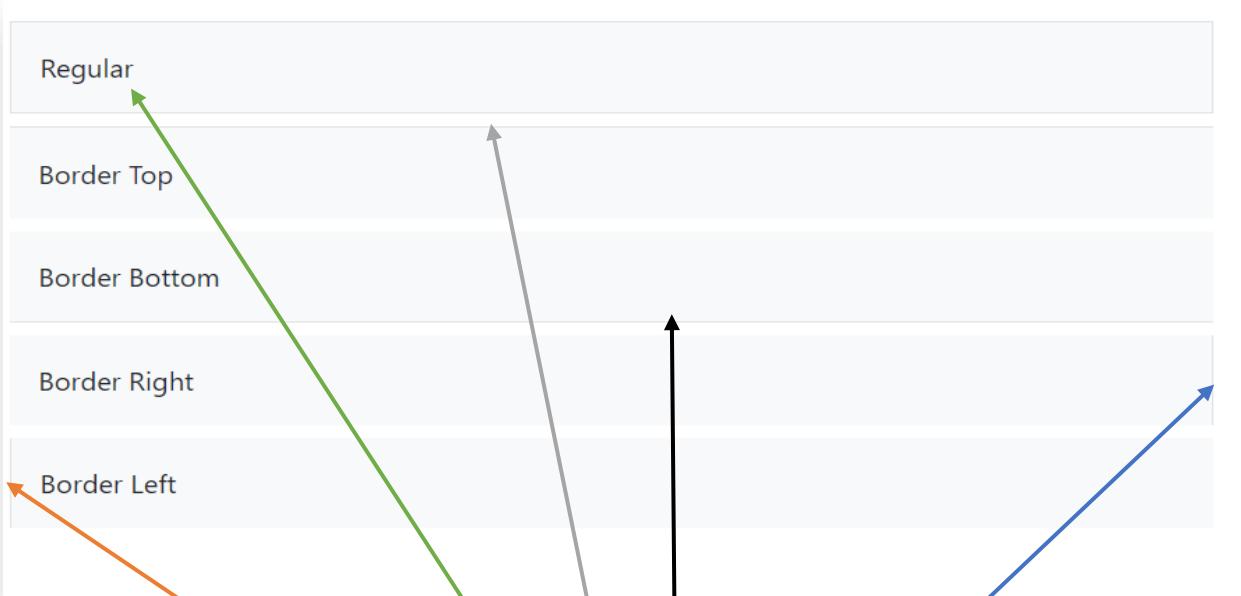
## Sizing and Borders



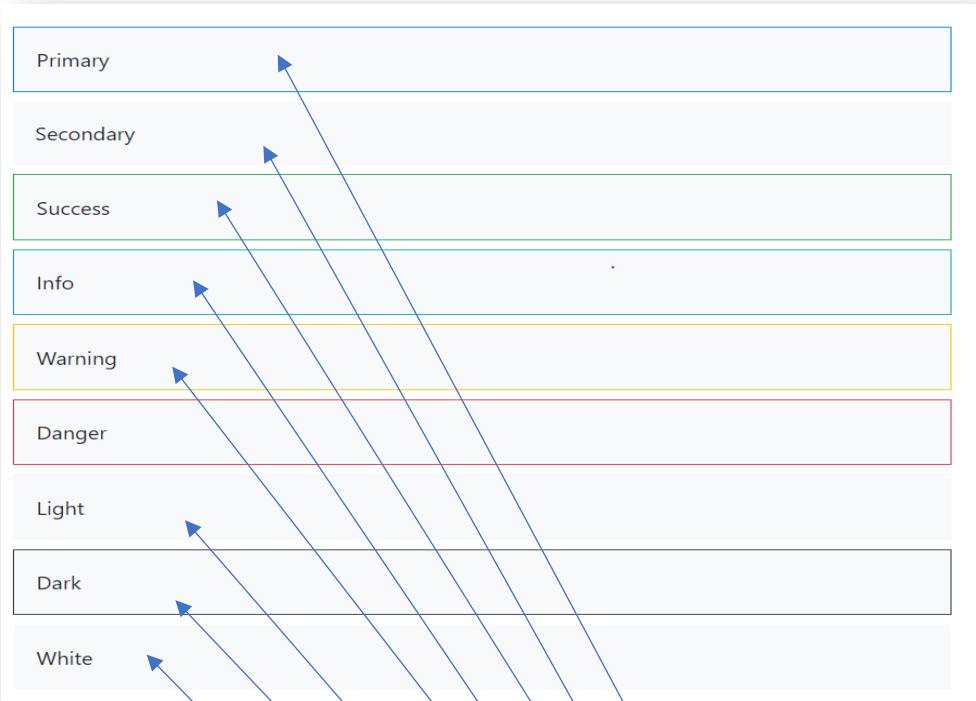
```
<!-- WIDTH CLASSES -->
<div class="bg-success p-3 w-25">Width 25%</div>
<div class="bg-success p-3 w-50">Width 50%</div>
<div class="bg-success p-3 w-75">Width 75%</div>
<div class="bg-success p-3 w-100">Width 100%</div>
<div class="bg-success p-3 w-auto">Width Auto</div>
```



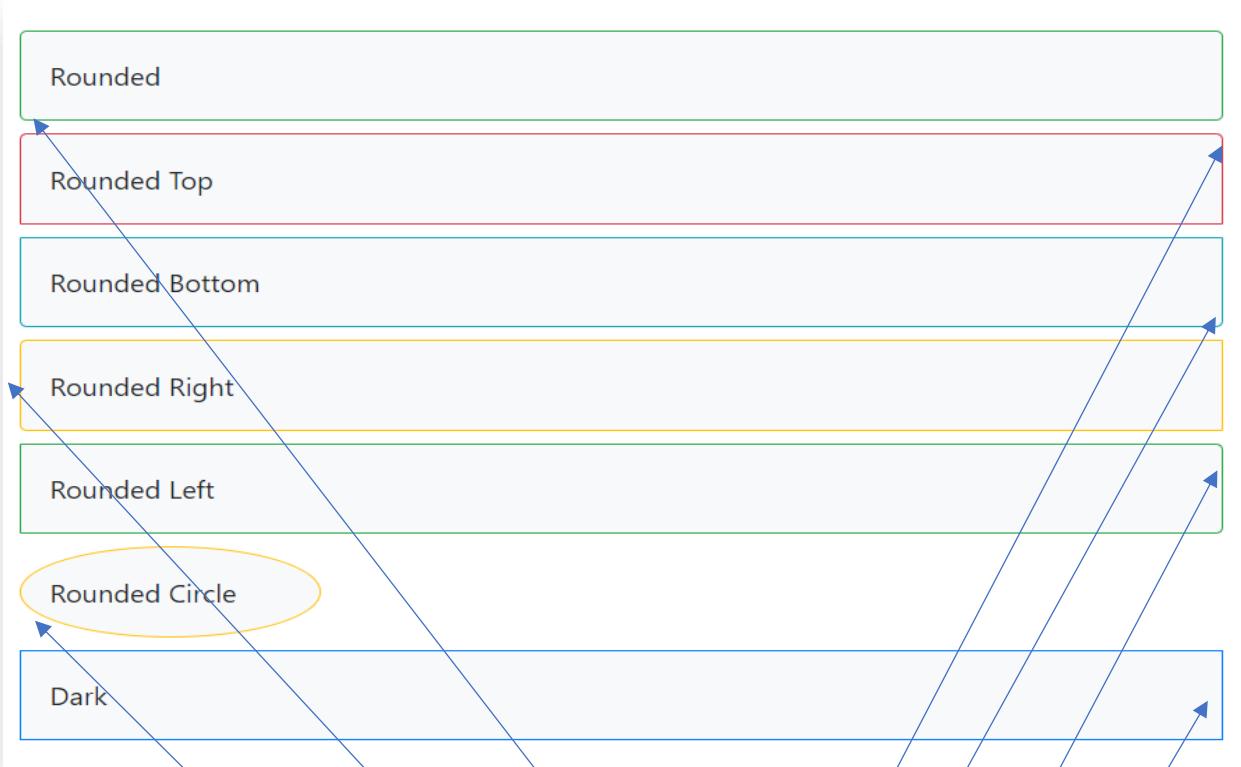
```
<!-- HEIGHT CLASSES -->
<div style="height: 300px; border: 1px solid #333333;">
    <div class="bg-primary d-inline-block h-25">Height 25%</div>
    <div class="bg-primary d-inline-block h-50">Height 50%</div>
    <div class="bg-primary d-inline-block h-75">Height 75%</div>
    <div class="bg-primary d-inline-block h-100">Height 100%</div>
    <div class="bg-primary d-inline-block h-auto">Height Auto</div>
</div>
```



```
<!-- BORDERS -->
<div class="p-3 mb-2 bg-light border">Regular</div>
<div class="p-3 mb-2 bg-light border-top">Border Top</div>
<div class="p-3 mb-2 bg-light border-bottom">Border Bottom</div>
<div class="p-3 mb-2 bg-light border-right">Border Right</div>
<div class="p-3 mb-2 bg-light border-left">Border Left</div>
```



```
<!-- BORDER COLORS -->
<div class="p-3 mb-2 bg-light border border-primary">Primary</div>
<div class="p-3 mb-2 bg-light border border-secondary">Secondary</div>
<div class="p-3 mb-2 bg-light border border-success">Success</div>
<div class="p-3 mb-2 bg-light border border-info">Info</div>
<div class="p-3 mb-2 bg-light border border-warning">Warning</div>
<div class="p-3 mb-2 bg-light border border-danger">Danger</div>
<div class="p-3 mb-2 bg-light border border-light">Light</div>
<div class="p-3 mb-2 bg-light border border-dark">Dark</div>
<div class="p-3 mb-2 bg-light border border-white">White</div>
```



```
<!-- BORDER RADIUS -->
<div class="p-3 mb-2 bg-light border rounded border-success">Rounded</div>
<div class="p-3 mb-2 bg-light border rounded-top border-danger">
    Rounded Top
</div>
<div class="p-3 mb-2 bg-light border rounded-bottom border-info">
    Rounded Bottom
</div>
<div class="p-3 mb-2 bg-light border rounded-left border-warning">
    Rounded Right
</div>
<div class="p-3 mb-2 bg-light border rounded-right border-success">
    Rounded Left
</div>
<div class="p-3 mb-2 bg-light w-25 border rounded-circle border-warning">
    Rounded Circle
</div>
<div class="p-3 mb-2 bg-light border rounded-0 border-primary">Dark</div>
</div>
```

## Key points

{property}{sides}-{size}

### ###PROPERTY

**m** - for classes that set margin

**p** - for classes that set padding

### ###SIDES

**t** - for classes that set margin-top or padding-top

**b** - for classes that set margin-bottom or padding-bottom

**l** - for classes that set margin-left or padding-left

**r** - for classes that set margin-right or padding-right

**x** - for classes that set both \*-left and \*-right

**y** - for classes that set both \*-top and \*-bottom

**blank** - for classes that set a margin or padding on all 4 sides of the element

### ###SIZE

**0** - for classes that eliminate the margin or padding by setting it to 0

**1** - (by default) for classes that set the margin or padding to \$spacer-x \* .25 or \$spacer-y \* .25

**2** - (by default) for classes that set the margin or padding to \$spacer-x \* .5 or \$spacer-y \* .5

**3** - (by default) for classes that set the margin or padding to \$spacer-x or \$spacer-y

**4** - (by default) for classes that set the margin or padding to \$spacer-x \* 1.5 or \$spacer-y \* 1.5

**5** - (by default) for classes that set the margin or padding to \$spacer-x \* 3 or \$spacer-y \* 3

```
.mt-0 {
```

```
  margin-top: 0 !important;
```

```
}
```

```
.ml-1 {  
  margin-left: ($spacer-x * .25)! important;  
}
```

```
. px-2 {  
  padding-left: ($spacer-x * .5)! important;  
  padding-right: ($spacer-x * .5)! important;  
}
```

```
. p-3 {  
  padding: $spacer-y $spacer-x! important;  
}
```

## CSS Break Points

→ Small devices (landscape phones)

```
@media (min-width: 576px) {  
  body {  
    background-color: red;  
  }  
}
```

→ Medium devices (tablets)

```
@media (min-width: 776px) {  
  body {  
    background-color: blue;  
  }  
}
```

→ Large devices (desktops)

```
@media (min-width: 856px) {  
  body {  
    background-color: yellow;  
  }  
}
```

→ Extra large devices (large desktops)

```
@media (min-width: 1056px) {  
  body {  
    background-color: tomato;  
  }  
}
```

**The given screen size or smaller:**

→ Extra small devices (portrait phones)

```
@media (max-width: 575px) {  
  body {  
    background-color: coral;  
  }  
}
```

→ Small devices (landscape phones)

```
@media (max-width: 767) {  
}
```

→ Medium devices (tablets)

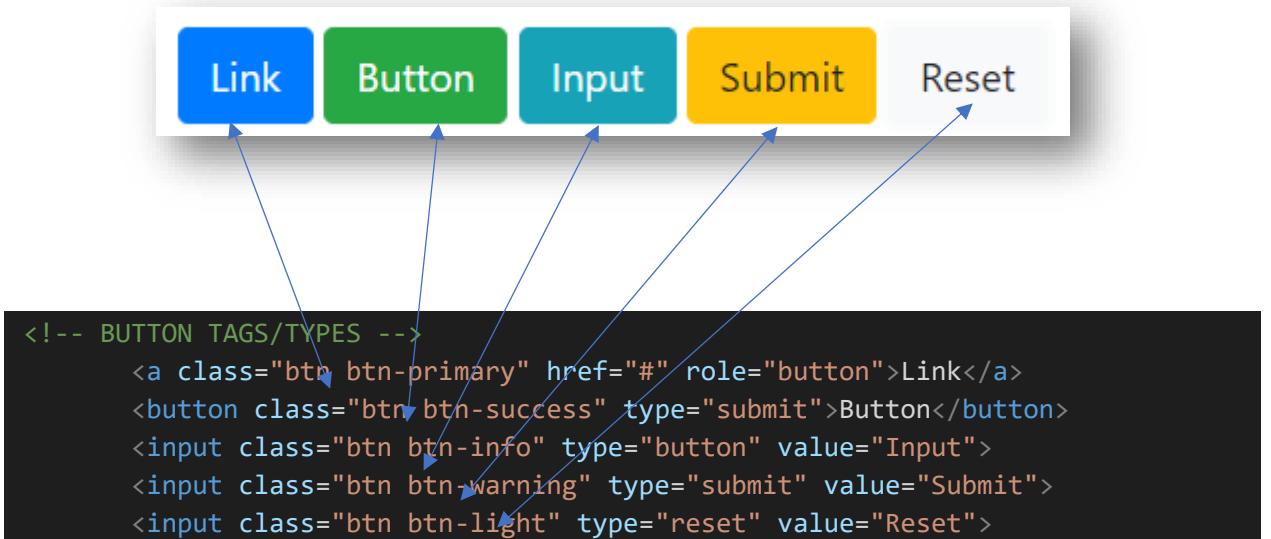
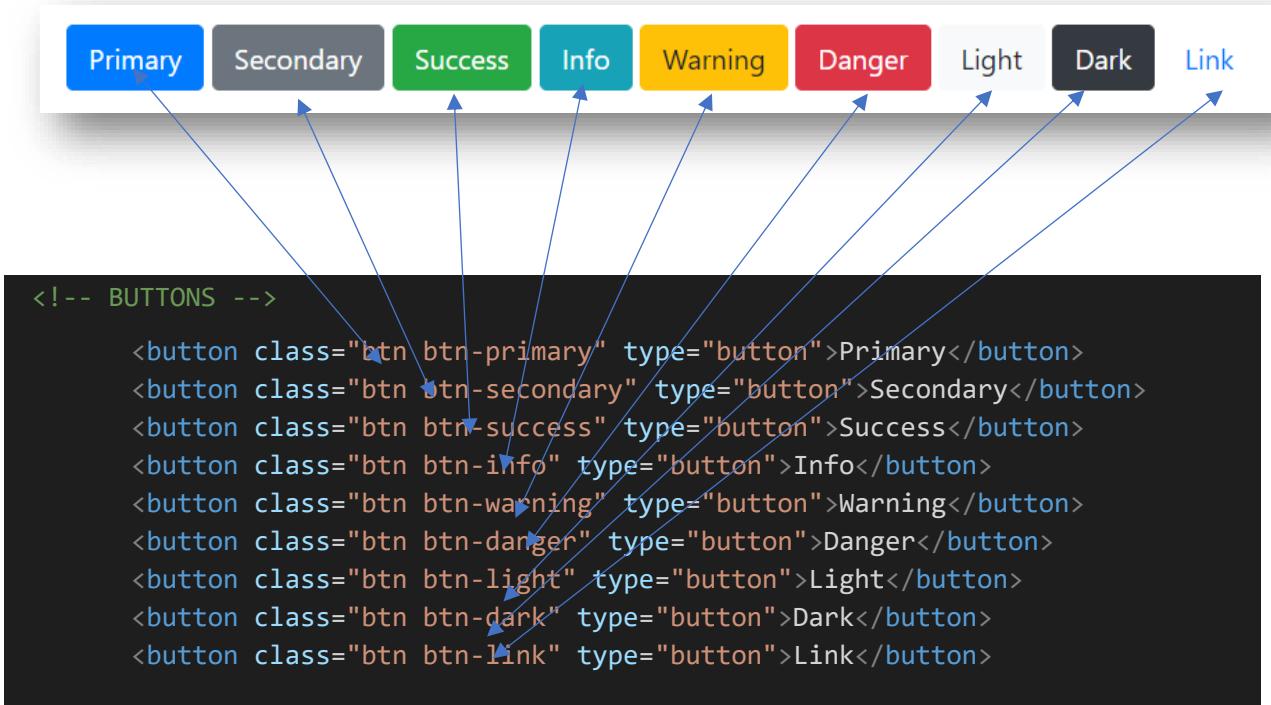
```
@media (max-width: width 991px) {  
}
```

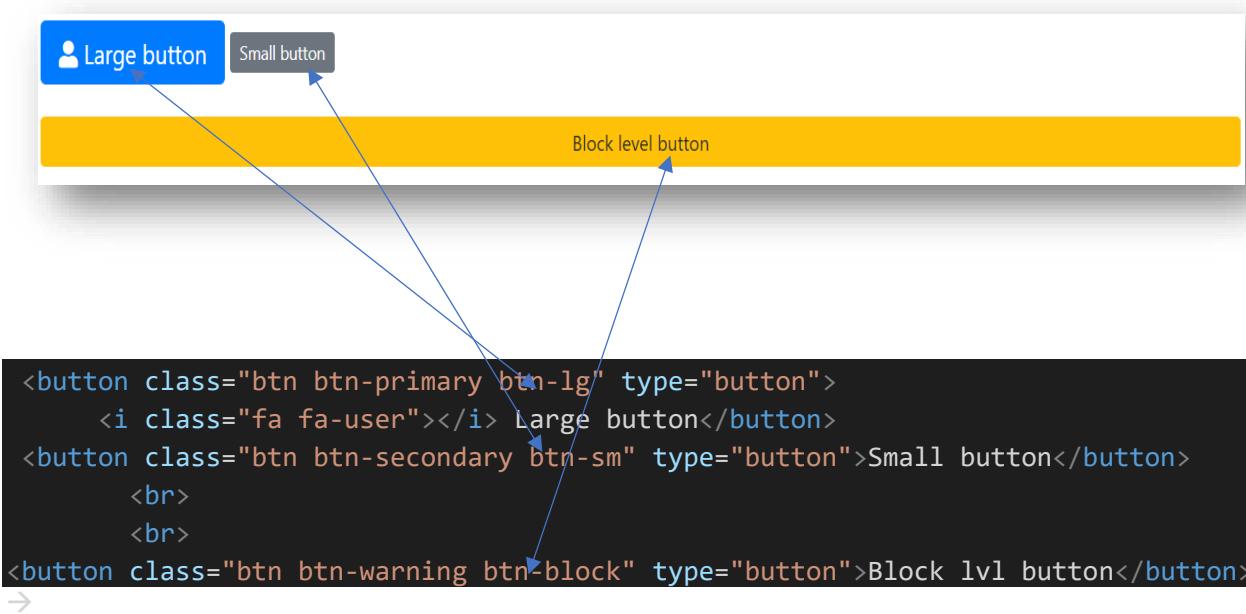
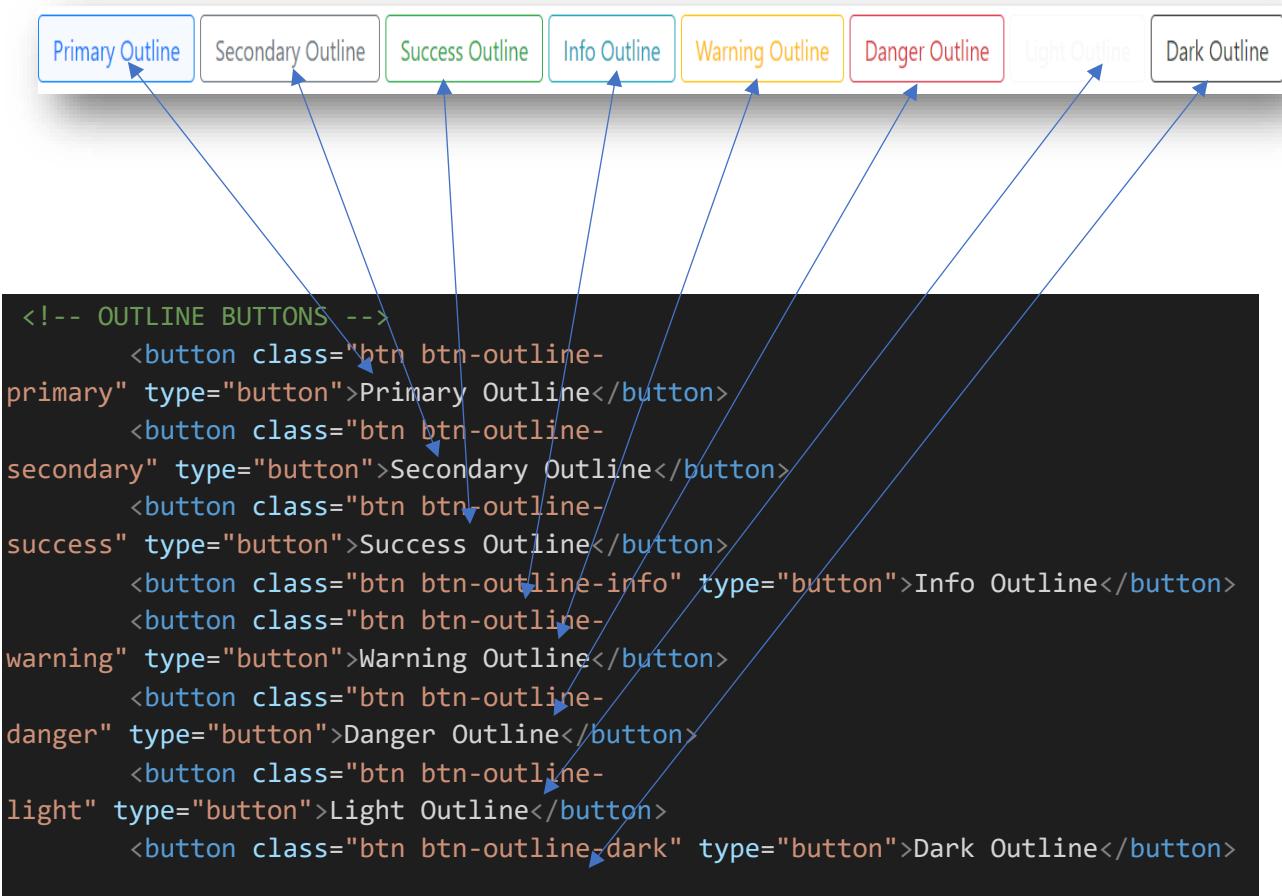
→ Large devices (desktops)

```
@media (max-width: 1199px) {  
}  
</style>
```

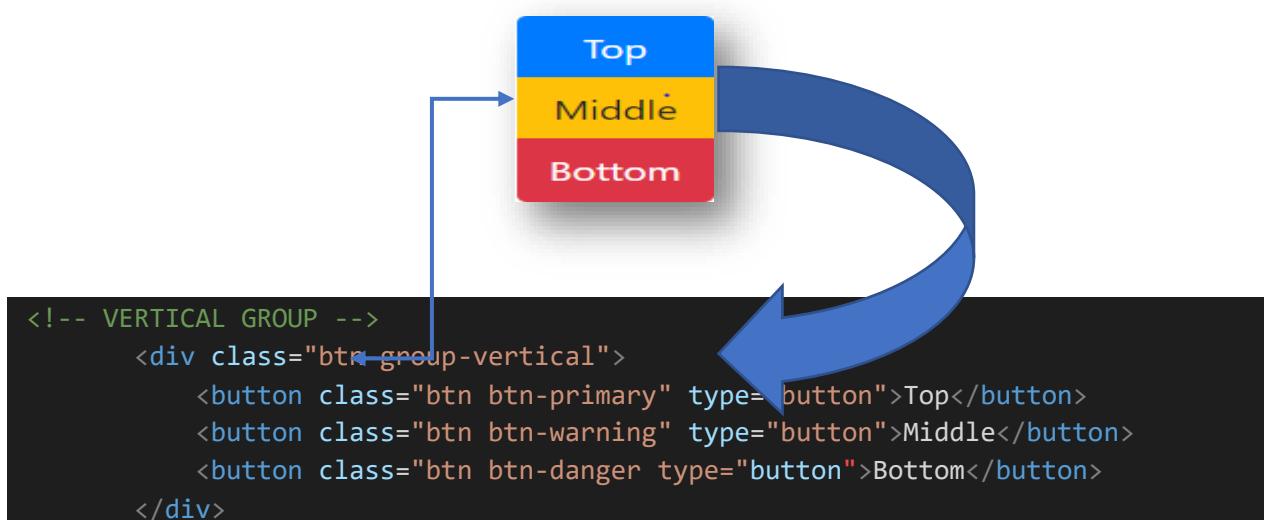
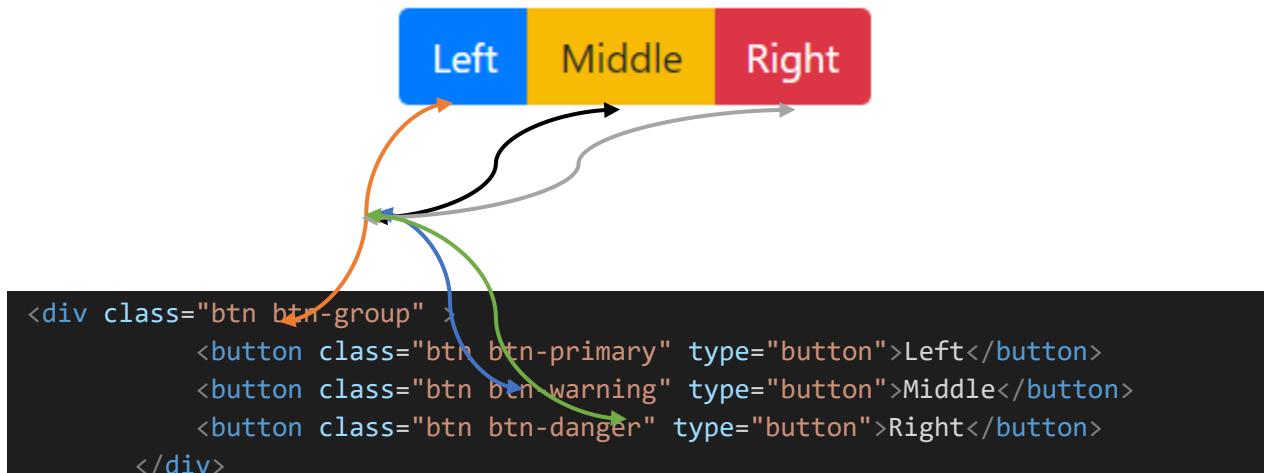
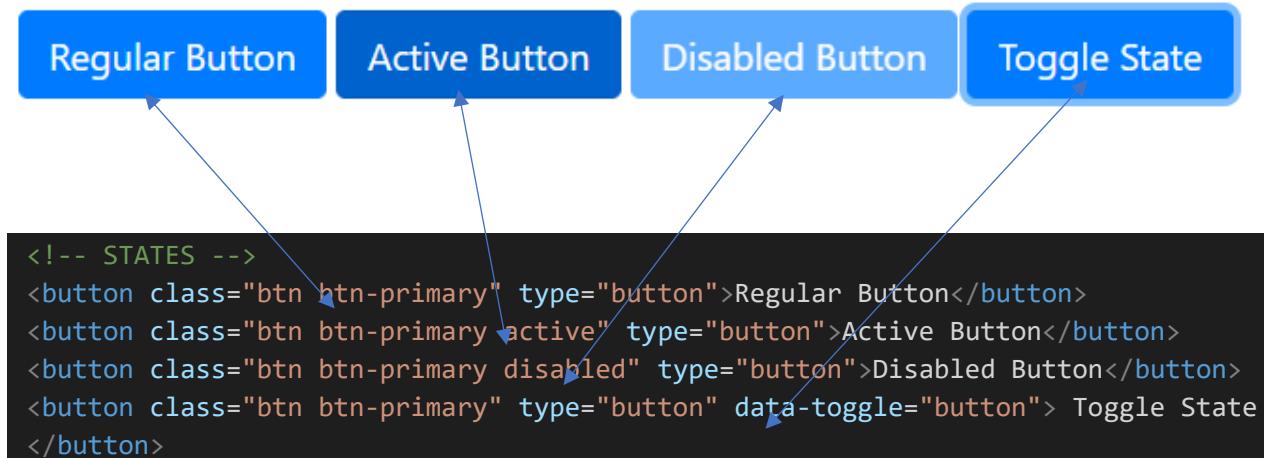
## CSS Components

### →Button & Button Groups



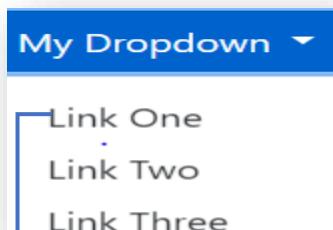


→Majorly used in developing the mobile Application.

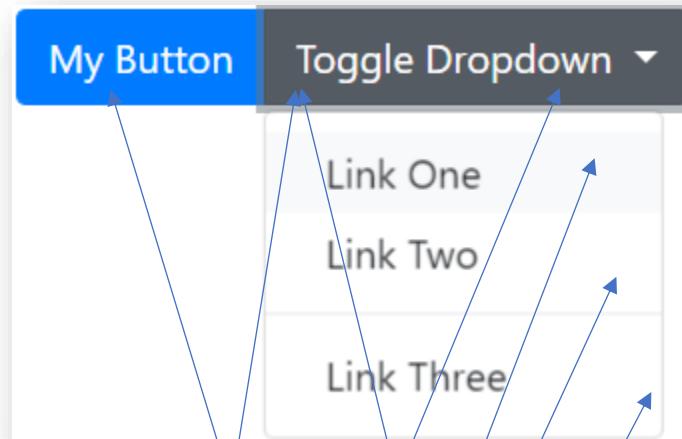




```
<!-- BUTTON TOOLBAR -->
<div class="btn-toolbar">
    <div class="btn-group">
        <button class="btn btn-primary" type="button">1</button>
        <button class="btn btn-primary" type="button">2</button>
        <button class="btn btn-primary" type="button">3</button>
        <button class="btn btn-primary mr-2" type="button">4</button>
    </div>
    <div class="btn-group">
        <button class="btn btn-primary" type="button">5</button>
        <button class="btn btn-primary" type="button">6</button>
        <button class="btn btn-primary mr-2" type="button">7</button>
    </div>
    <div class="btn-group">
        <button class="btn btn-primary" type="button">8</button>
        <button class="btn btn-primary" type="button">9</button>
    </div>
</div>
```

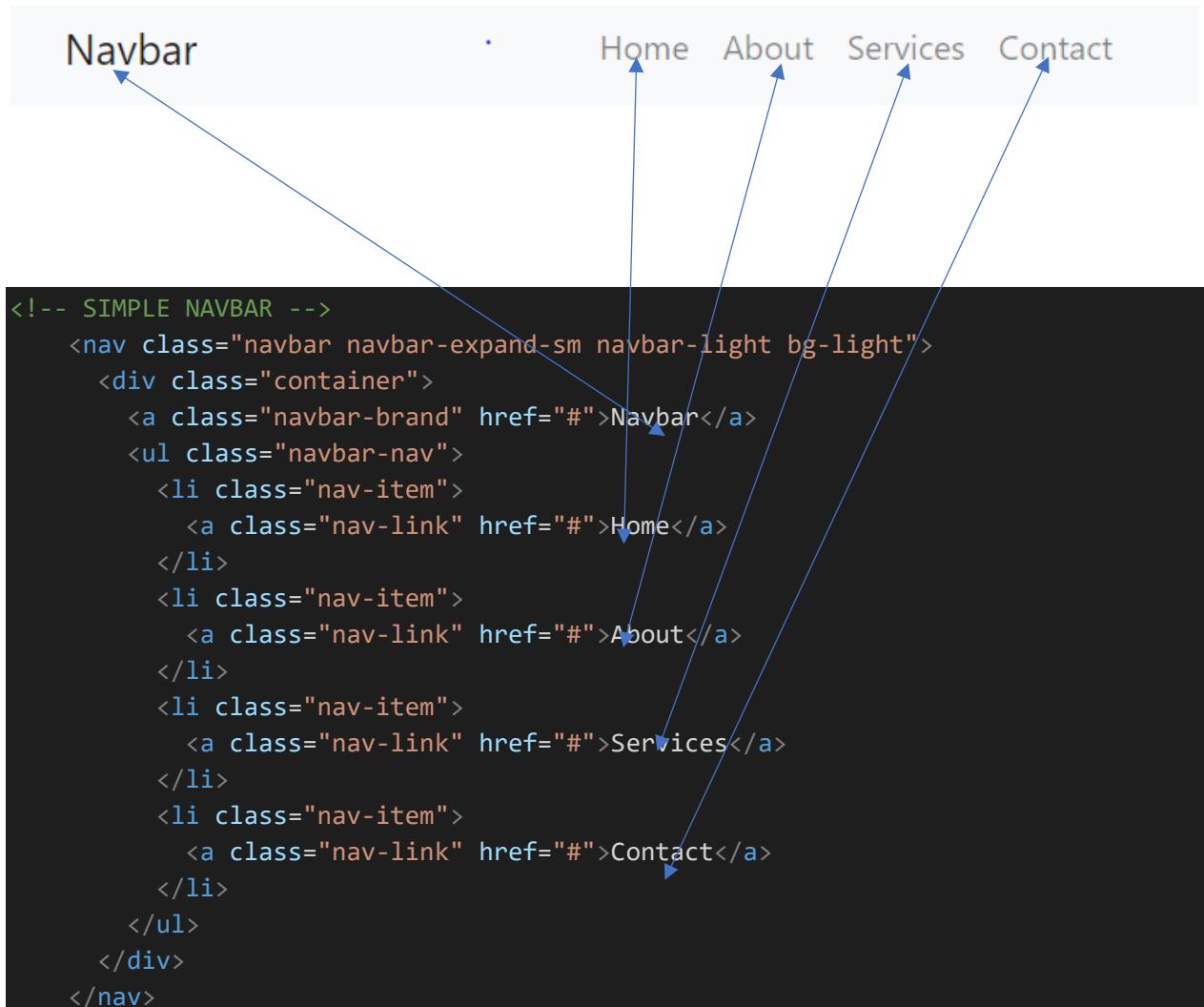


```
<!-- BUTTON DROPPDOWNS -->
<div class="dropdown">
<button class="btn btnprimary dropdown-toggle" type="button" data-toggle="dropdown">
    My Dropdown
</button>
<div class="dropdown-menu">
    <a class="dropdown-item" href="#">Link One</a>
    <a class="dropdown-item" href="#">Link Two</a>
    <a class="dropdown-item" href="#">Link Three</a>
</div>
</div>
```



```
<!-- SPLIT DROPSWNS -->
<div class="btn-group">
    <button class="btn btn-primary" type="button">My Button</button>
    <button class="btn btn-secondary dropdown-toggle" type="button" data-
toggle="dropdown">
        <span>Toggle Dropdown</span>
    </button>
    <div class="dropdown-menu">
        <a class="dropdown-item" href="#">Link One</a>
        <a class="dropdown-item" href="#">Link Two</a>
        <div class="dropdown-divider"></div>
        <a class="dropdown-item" href="#">Link Three</a>
    </div>
</div>
</div>
```

## Nav & Nav Bars

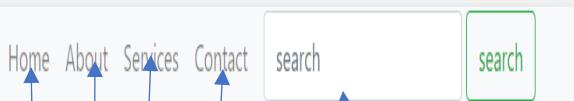


# Navbar



```
<!-- NAVBAR WITH RESPONSIVE TOGGLE -->
<nav class="navbar navbar-expand-sm navbar-light bg-light mt-2">
  <div class="container">
    <a class="navbar-brand" href="#">Navbar</a>
    <button
      class="navbar-toggler"
      data-toggler="collapse"
      data-target="#navbarNav"
    >
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
      <ul class="navbar-nav">
        <li class="nav-item">
          <a class="nav-link" href="#">Home</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">About</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Services</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Contact</a>
        </li>
      </ul>
    </div>
  </div>
</nav>
```

## Navbar



```
<!-- NAVBAR WITH FORM -->
<nav class="navbar navbar-expand-sm navbar-light bg-light mt-2">
  <div class="container">
    <a class="navbar-brand" href="#">Navbar</a>
    <button
      class="navbar-toggler"
      data-toggler="collapse"
      data-target="#navbarNav"
    >
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
      <ul class="navbar-nav mr-2 ml-auto">
        <li class="nav-item">
          <a class="nav-link" href="#">Home</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">About</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Services</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Contact</a>
        </li>
      </ul>
      <form class="form-inline">
        <input type="text" class="form-control mr-1" placeholder="search" />
        <button class="btn btn-outline-success">search</button>
      </form>
    </div>
  </div>
</nav>
```

Home About Dropdpwn Services Contact

```
<nav class="navbar navbar-expand-sm navbar-light bg-light mt-2">
  <div class="container">
    <a class="navbar-brand" href="#">Navbar</a>
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link" href="#">Home</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">About</a>
      </li>
      <li class="nav-item dropdown"></li>
      <a href="#" class="nav-link dropdown-toggle" data-toggle="dropdown">Dropdpwn</a>
      >
      <br />
      <div class="dropdown-menu">
        <a href="#" class="dropdown-item">link1</a>
        <a href="#" class="dropdown-item">link2</a>
        <a href="#" class="dropdown-item">link3</a>
      </div>
      <li class="nav-item">
        <a class="nav-link" href="#">Services</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Contact</a>
      </li>
    </ul>
  </div>
</nav>
```

```
<!-- COLORS -->

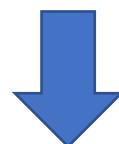
<nav class="navbar navbar-expand-sm navbar-dark bg-dark">
  <div class="container">
    <a class="navbar-brand" href="#">Navbar</a>
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link" href="#">Home</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">About</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Services</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Contact</a>
      </li>
    </ul>
  </div>
</nav>

<nav class="navbar navbar-expand-sm navbar-dark bg-primary mt-2">
  <div class="container">
    <a class="navbar-brand" href="#">Navbar</a>
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link" href="#">Home</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">About</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Services</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Contact</a>
      </li>
    </ul>
  </div>
</nav>
```



```
<nav class="navbar navbar-expand-sm navbar-dark bg-success mt-2">
  <div class="container">
    <a class="navbar-brand" href="#">Navbar</a>
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link" href="#">Home</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">About</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Services</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Contact</a>
      </li>
    </ul>
  </div>
</nav>
<br />
<br />
```

### List Group and badges



My List Item One

My List Item Two

My List Item Three

My List Item Four

My List Item Five

```
<!-- LIST GROUP -->


- My List Item One
- My List Item Two
- My List Item Three
- My List Item Four
- My List Item Five

```

My List Item One

My List Item Two

My List Item Three

My List Item Four

My List Item Five

```
<!-- LIST GROUP WITH LINKS -->


My List Item One
My List Item Two
My List Item Three
My List Item Four
My List Item Five
```



```
<!-- CONTEXTUAL CLASSES -->


- Regular List Item
- Primary List Item
- Secondary List Item
- Success List Item
- Info List Item
- Warning List Item
- Danger List Item
- Light List Item
- Dark List Item

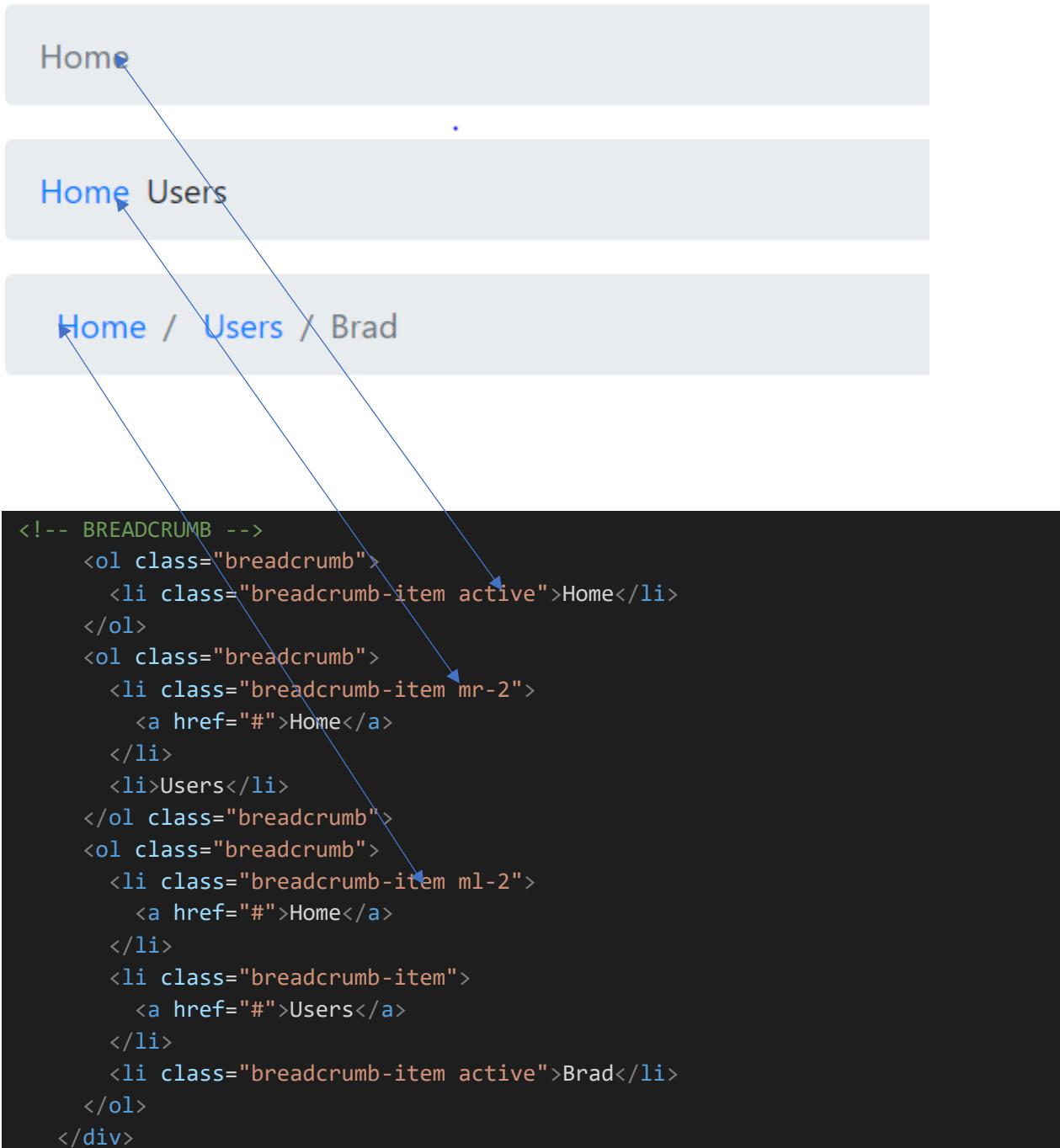
```

- My List Item One
- My List Item Two
- My List Item Three
- My List Item Four
- My List Item Five

```
<!-- FLUSH LIST GROUP -->
<ul class="list-group list-group-flush mb-5">
  <li class="list-group-item">My List Item One</li>
  <li class="list-group-item">My List Item Two</li>
  <li class="list-group-item">My List Item Three</li>
  <li class="list-group-item">My List Item Four</li>
  <li class="list-group-item">My List Item Five</li>
</ul>
```

- My List Item One
- My List Item Two
- My List Item Three
- My List Item Four
- My List Item Five

```
<!-- BADGE -->
<ul class="list-group mb-5">
  <li class="list-group-item">My List Item One</li>
  <li class="list-group-item d-flex justify-content-between align-items-center">My List Item Two
    <span class="badge badge-primary">30</span>
  </li>
  <li class="list-group-item">My List Item Three</li>
  <li class="list-group-item">My List Item Four</li>
  <li class="list-group-item">My List Item Five</li>
</ul>
```



## Forms & Inputs

Name

Enter name

Email address

Enter email

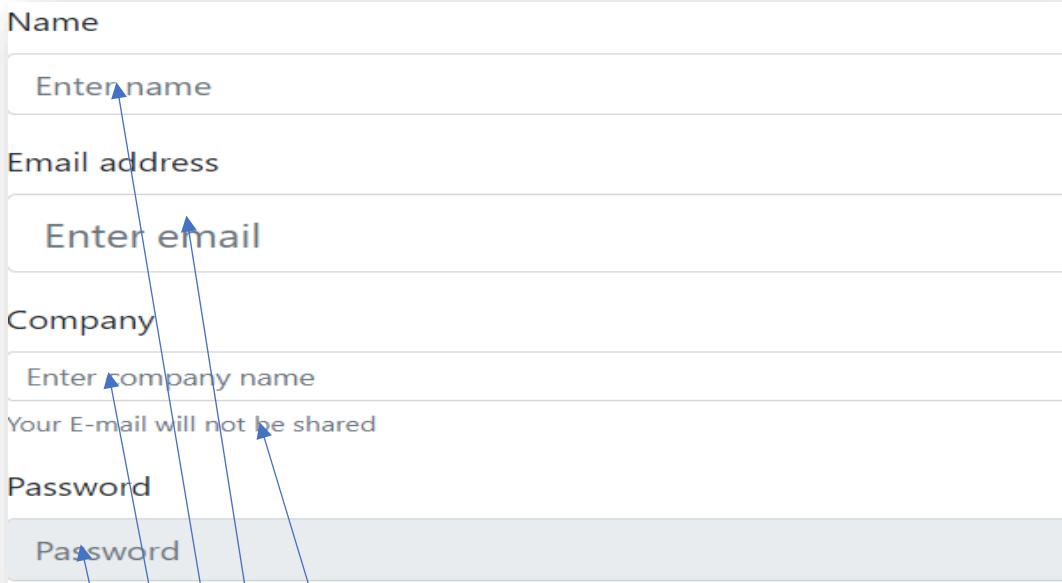
Company

Enter company name

Your E-mail will not be shared

Password

Passwrd



```
<!-- FORM -->
<form>
    <!-- TEXT FIELD GROUPS -->
    <div class="form-group">
        <label for="name">Name</label>
        <input class="form-control" type="text" id="name" placeholder="Enter name"/>
    </div>
    <div class="form-group">
        <label for="email">Email address</label>
        <input class="form-control form-control-lg" type="email" id="email" placeholder="Enter email"/>
    </div>
    <div class="form-group">
        <label for="company">Company</label>
        <input class="form-control form-control-sm" type="text" id="company" placeholder="Enter company name"/>
    <small class="form-text text-muted">Your E-mail will not be shared</small>
    </div>
    <div class="form-group">
        <label for="password">Password</label>
        <input class="form-control" type="password" id="password" placeholder="Password" read-only/>
    </div>
</form>
```

## Gender

Male

```
<!-- SELECT -->
<div class="form-group">
  <label for="gender">Gender</label>
  <select class="form-control" id="gender">
    <option>Male</option>
    <option>Female</option>
  </select>
</div>
```

## Message

```
<!-- TEXTAREA -->
<div class="form-group">
  <label for="message">Message</label>
  <textarea class="form-control" id="message" rows="3"></textarea>
</div>
```

## File input

Choose File No file chosen  
Max 3mb size

Choose file Browse

```
<!-- FILE INPUT -->
<div class="form-group">
  <label for="file">File input</label>
  <input type="file" id="file" class="form-control-file" />
  <small class="form-text text-muted" id="fileHelp">Max 3mb size</small>
</div>
```

```
<!-- CUSTOM FILE INPUT -->
<div class="custom-file">
  <input class="custom-file-input" type="file" id="myfile" />
  <label class="custom-file-label" for="myfile">Choose file</label>
</div>
<br />
<br />
```

## Membership Level

Submit

```
<!-- RANGE -->
<div class="form-group">
  <label for="membership">Membership Level</label>
  <input class="custom-range" min="1" max="10" value="1" type="range" />
</div>
<br />
<button class="btn btn-primary btn-block" type="submit">Submit</button>
</form>
<br /><br />
```

Enter username

Password

Remember me

Submit

```
<!-- INLINE FORM -->
    <form class="form-inline">
<input class="form-control mr-2" type="text" id="username" placeholder="Enter username"/>
    <input class="form-control mr-2" type="text" id="password" placeholder="Password"/>
        <div class="form-check">
            <label class="form-check-label mr-2">
                <input type="checkbox" class="form-check-input" /> Remember me
            </label>
        </div>

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

First name

Last name

```
<!-- FORM ROW -->
<form>
    <div class="form-row">
        <div class="col">
            <input type="text" placeholder="First name" class="form-control" />
        </div>
        <div class="col">
            <input type="text" placeholder="Last name" class="form-control" />
        </div>
    </div>
</form>
```

Username

Password

Password not strong enough

Confirm Password

Password does not match

```
<!-- VALIDATION -->
<div class="form-group">
    <label for="username">Username</label>
    <input class="form-control is-valid" type="text" id="username" />
</div>
<div>
    <label for="password">Password</label>
    <input class="form-control is-invalid" type="text" id="password" />
    <div>
        Password not strong enough
    </div>
</div>
<div class="form-group">
    <label for="password2">Confirm Password</label>
    <input class="form-control is-invalid" type="text" id="password2" />
    <div class="invalid-feedback">Password does not match</div>
</div>
</div>
```

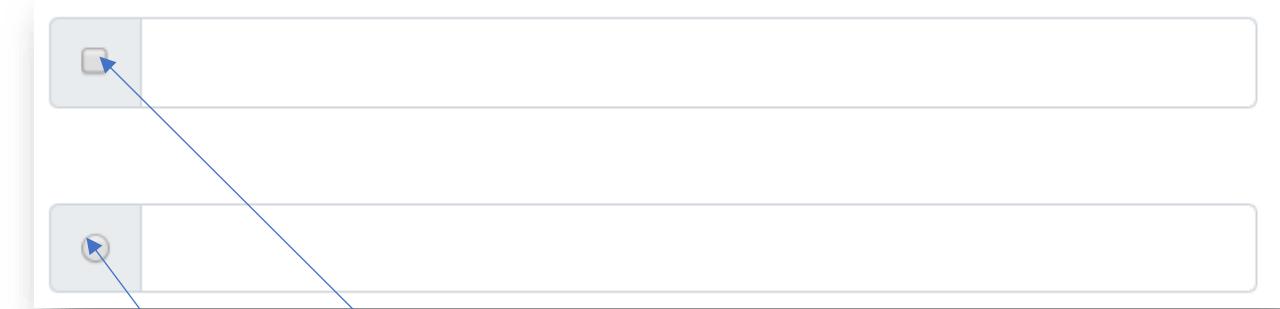
## InPuts & Groups

The screenshot displays a web page with three input groups:

- Username:** An input group with a placeholder "Username". It includes a prepend icon (@) and an append icon (@something.com).
- Custom URL:** An input group with a placeholder "Custom URL". It includes a prepend icon (https://something.com/member/) and an append icon (.00).
- Currency Field:** An input group with a placeholder ".00". It includes a prepend icon (\$) and an append icon (00).

Below the form, the corresponding HTML code is shown:

```
<!-- BASIC INPUT GROUPS -->
<div class="input-group mb-3">
  <div class="input-group-prepend">
    <span class="input-group-text">@</span>
  </div>
  <input class="form-control" type="text" placeholder="Username" />
</div><br/>
<div class="input-group">
  <input class="form-control" type="text" placeholder="Username" />
  <div class="input-group-append">
    <span class="input-group-text">@something.com</span>
  </div>
</div><br />
<label class="text-primary" for="basic-url">Custom URL</label>
<div class="input-group mb-3">
  <div class="input-group-prepend">
    <span class="input-group-text mr-2">https://something.com/member/</span>
  </div>
  <input type="text" class="form-control" />
</div><br/>
<div class="input-group">
  <div class="input-group-prepend">
    <span class="input-group-text text-primary">$</span>
  </div>
  <input class="form-control" type="text" />
  <div class="input-group-append">
    <span class="input-group-text text-primary">.00</span>
  </div>
</div></div><br />
```



```
<!-- CHECKBOX -->
<div class="input-group mb-3">
  <div class="input-group-prepend">
    <div class="input-group-text">
      <input type="checkbox" />
    </div>
  </div>
  <input class="form-control" type="text" />
</div>
<!-- RADIO -->
<div class="input-group mb-3">
  <div class="input-group-prepend">
    <div class="input-group-text">
      <input type="radio" />
    </div>
  </div>
  <input class="form-control" type="text" />
</div>
```

Name & Email

Full Name

Email

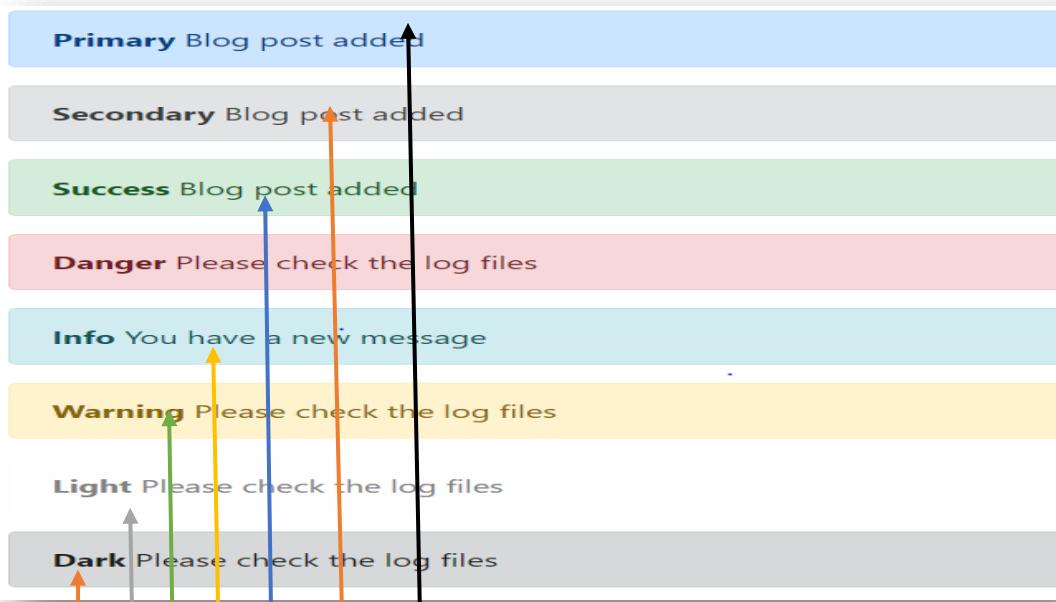
```
<!-- MULTIPLE INPUTS -->
<div class="input-group mb-3">
  <div class="input-group-prepend">
    <span class="input-group-text" id="">Name & Email</span>
  </div>
  <input class="form-control" type="text" placeholder="Full Name" />
  <input class="form-control" type="email" placeholder="Email" />
</div>
<br />
```

Find By Name...

Search

```
<!-- BUTTON ADDONS -->
<div class="input-group mb-3">
  <input class="form-control" type="text" placeholder="Find By Name..." />
  <div class="input-group-append">
    <button class="btn btn-outline-secondary" type="button">
      Search
    </button>
  </div>
</div>
</div>
```

## Alerts & Progress Bars



```
<!-- ALERTS -->
  <div class="alert alert-primary">
    <strong>Primary</strong> Blog post added
  </div>
  <div class="alert alert-secondary">
    <strong>Secondary</strong> Blog post added
  </div>
  <div class="alert alert-success">
    <strong>Success</strong> Blog post added
  </div>
  <div class="alert alert-danger">
    <strong>Danger</strong> Please check the log files
  </div>
  <div class="alert alert-info">
    <strong>Info</strong> You have a new message
  </div>
  <div class="alert alert-warning">
    <strong>Warning</strong> Please check the log files
  </div>
  <div class="alert alert-light">
    <strong>Light</strong> Please check the log files
  </div>
  <div class="alert alert-dark">
    <strong>Dark</strong> Please check the log files</div>
```

**Dismissable** Blog post added



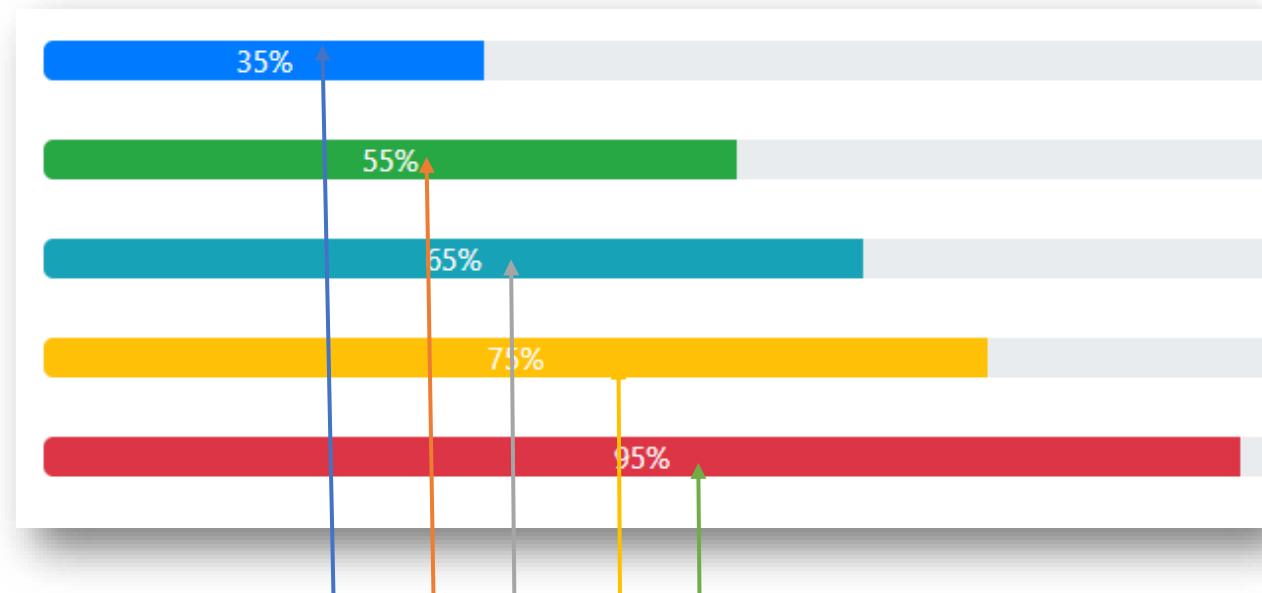
```
<!-- DISMISSABLE ALERT -->
<div class="alert alert-success alert-dismissible">
  <button class="close" type="button" data-dismiss="alert">
    <span>&times;</span>
  </button>
  <strong>Dismissable</strong> Blog post added
</div>
```

**Congrats!**

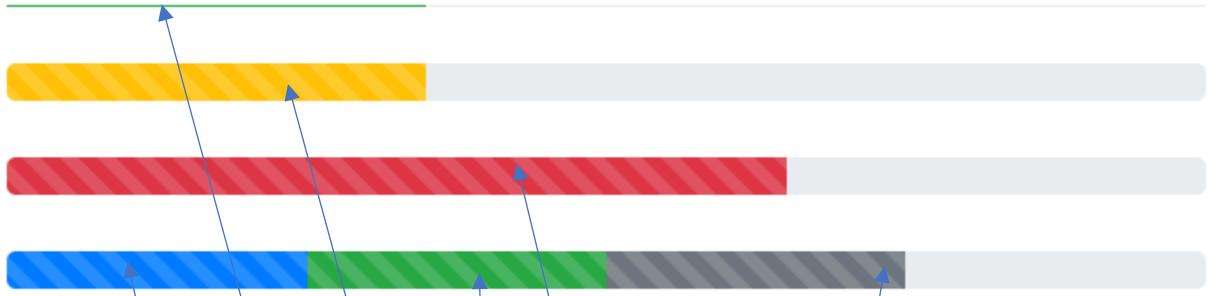
  Lorem ipsum dolor sit amet consectetur adipisicing elit. Velit dignissimos eius, sit quo assumenda totam commodi ipsum saepe molestias eligendi exercitationem repudiandae qui facilis deserunt non, harum ab quam? Cumque

  Lorem ipsum dolor sit amet, consectetur adipisicing elit. Iure, odio?

```
<!-- EXTRA CONTENT -->
<div class="alert alert-success">
  <h4 class="alert-heading">Congrats!</h4>
  <p>
    Lorem ipsum dolor sit amet consectetur adipisicing elit. Velit dignissimos eius, sit quo assumenda totam commodi ipsum saepe molestias eligendi exercitationem repudiandae qui facilis deserunt non, harum ab quam? Cumque
  </p>
  <hr />
<p class="mb">Lorem ipsum dolor sit amet, consectetur adipisicing elit. Iure, odio?
```



```
<!-- PROGRESS BARS -->
<div class="progress">
  <div class="progress-bar" style="width: 35%;">35%</div>
</div>
<br />
<div class="progress">
  <div class="progress-bar bg-success" style="width: 55%;">55%</div>
</div>
<br />
<div class="progress">
  <div class="progress-bar bg-info" style="width: 65%;">65%</div>
</div>
<br />
<div class="progress">
  <div class="progress-bar bg-warning" style="width: 75%;">75%</div>
</div>
<br />
<div class="progress">
  <div class="progress-bar bg-danger" style="width: 95%;">95%</div>
</div>
<br />
```



```
<!-- HEIGHT -->
<div class="progress" style="height: 1px;">
  <div class="progress-bar bg-success" style="width: 35%;"></div>
</div>
<br />
<!-- STRIPED -->
<div class="progress">
  <div class="progress-bar-striped bg-warning" style="width: 35%;"></div>
</div>
<br />
<!-- ANIMATED -->
<div class="progress">
  <div
    class="progress-bar-striped progress-bar-animated bg-danger"
    style="width: 65%;"
  ></div>
</div>
<br />
<!-- MULTIPLE BARS -->
<div class="progress">
  <div
    class="progress-bar-striped progress-bar-animated bg-primary"
    style="width: 25%;"
  ></div>
  <div
    class="progress-bar-striped progress-bar-animated bg-success"
    style="width: 25%;"
  ></div>
  <div
    class="progress-bar-striped progress-bar-animated bg-secondary"
    style="width: 25%;"
  ></div>
</div>  </div>
```

## Tables & Pagination

#	First Name	Last Name	Email
1	John	Doe	jdoe@gmail.com
2	Will	Johnson	will@yahoo.com
3	Shannon	Williams	shannon@yahoo.com

```
<!-- TABLE -->


| # | First Name | Last Name | Email             |
|---|------------|-----------|-------------------|
| 1 | John       | Doe       | jdoe@gmail.com    |
| 2 | Will       | Johnson   | will@yahoo.com    |
| 3 | Shannon    | Williams  | shannon@yahoo.com |


```

#	First Name	Last Name	Email
1	John	Doe	jdoe@gmail.com
2	Will	Johnson	will@yahoo.com
3	Shannon	Williams	shannon@yahoo.com

```
<!-- INVERSE/DARK TABLE -->


| # | First Name | Last Name | Email             |
|---|------------|-----------|-------------------|
| 1 | John       | Doe       | jdoe@gmail.com    |
| 2 | Will       | Johnson   | will@yahoo.com    |
| 3 | Shannon    | Williams  | shannon@yahoo.com |


```

#	First Name	Last Name	Email
1	John	Doe	jdoe@gmail.com
2	Will	Johnson	will@yahoo.com
3	Shannon	Williams	shannon@yahoo.com

```

<!-- TABLE HEAD INVERSE -->


| # | First Name | Last Name | Email             |
|---|------------|-----------|-------------------|
| 1 | John       | Doe       | jdoe@gmail.com    |
| 2 | Will       | Johnson   | will@yahoo.com    |
| 3 | Shannon    | Williams  | shannon@yahoo.com |


```

#	First Name	Last Name	Email
1	John	Doe	jdoe@gmail.com
2	Will	Johnson	will@yahoo.com
3	Shannon	Williams	shannon@yahoo.com

```
<!-- STRIPED TABLE -->


| # | First Name | Last Name | Email             |
|---|------------|-----------|-------------------|
| 1 | John       | Doe       | jdoe@gmail.com    |
| 2 | Will       | Johnson   | will@yahoo.com    |
| 3 | Shannon    | Williams  | shannon@yahoo.com |


```

#	First Name	Last Name	Email
1	John	Doe	jdoe@gmail.com
2	Will	Johnson	will@yahoo.com
3	Shannon	Williams	shannon@yahoo.com

```

<!-- BORDERED TABLE -->


| # | First Name | Last Name | Email             |
|---|------------|-----------|-------------------|
| 1 | John       | Doe       | jdoe@gmail.com    |
| 2 | Will       | Johnson   | will@yahoo.com    |
| 3 | Shannon    | Williams  | shannon@yahoo.com |


```

#	First Name	Last Name	Email
1	John	Doe	jdoe@gmail.com
2	Will	Johnson	will@yahoo.com
3	Shannon	Williams	shannon@yahoo.com

```
<!-- BORDERLESS TABLE -->


| # | First Name | Last Name | Email             |
|---|------------|-----------|-------------------|
| 1 | John       | Doe       | jdoe@gmail.com    |
| 2 | Will       | Johnson   | will@yahoo.com    |
| 3 | Shannon    | Williams  | shannon@yahoo.com |


```

#	First Name	Last Name	Email
1	John	Doe	jdoe@gmail.com
2	Will	Johnson	will@yahoo.com
3	Shannon	Williams	shannon@yahoo.com

```
<!-- HOVERABLE -->
<table class="table table-hover">
  <thead>
    <tr>
      <th>#</th>
      <th>First Name</th>
      <th>Last Name</th>
      <th>Email</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <th scope="row">1</th>
      <td>John</td>
      <td>Doe</td>
      <td>jdoe@gmail.com</td>
    </tr>
    <tr>
      <th scope="row">2</th>
      <td>Will</td>
      <td>Johnson</td>
      <td>will@yahoo.com</td>
    </tr>
    <tr>
      <th scope="row">3</th>
      <td>Shannon</td>
      <td>Williams</td>
      <td>shannon@yahoo.com</td>
    </tr>
  </tbody>
</table>
```

#	First Name	Last Name	Email
1	John	Doe	jdoe@gmail.com
2	Will	Johnson	will@yahoo.com
3	Shannon	Williams	shannon@yahoo.com

```
<!-- CONTEXTUAL CLASSES -->


| # | First Name | Last Name | Email             |
|---|------------|-----------|-------------------|
| 1 | John       | Doe       | jdoe@gmail.com    |
| 2 | Will       | Johnson   | will@yahoo.com    |
| 3 | Shannon    | Williams  | shannon@yahoo.com |


```

#	First Name	Last Name	Email
1	John	Doe	jdoe@gmail.com
2	Will	Johnson	will@yahoo.com
3	Shannon	Williams	shannon@yahoo.com

```
<!-- SMALL TABLE -->


| # | First Name | Last Name | Email             |
|---|------------|-----------|-------------------|
| 1 | John       | Doe       | jdoe@gmail.com    |
| 2 | Will       | Johnson   | will@yahoo.com    |
| 3 | Shannon    | Williams  | shannon@yahoo.com |


```

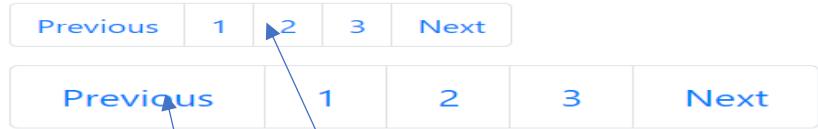
#	First Name	Last Name	Email
1	John	Doe	jdoe@gmail.com
2	Will	Johnson	will@yahoo.com
3	Shannon	Williams	shannon@yahoo.com

```

<!-- RESPONSIVE TABLE - Scrollbars -->
<div class="table-responsive">
  <table class="table">
    <thead>
      <tr>
        <th>#</th>
        <th>First Name</th>
        <th>Last Name</th>
        <th>Email</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <th scope="row">1</th>
        <td>John</td>
        <td>Doe</td>
        <td>jdoe@gmail.com</td>
      </tr>
      <tr>
        <th scope="row">2</th>
        <td>Will</td>
        <td>Johnson</td>
        <td>will@yahoo.com</td>
      </tr>
      <tr>
        <th scope="row">3</th>
        <td>Shannon</td>
        <td>Williams</td>
        <td>shannon@yahoo.com</td>
      </tr>
    </tbody>
  </table>
</div>
```



```
<!-- PAGINATION -->
<nav>
  <ul class="pagination">
    <li class="page-item">
      <a class="page-link" href="#">Previous</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">1</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">2</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">3</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">Next</a>
    </li>
  </ul>
</nav>
<!-- PAGINATION CENTERED -->
<nav>
  <ul class="pagination justify-content-center">
    <li class="page-item">
      <a class="page-link" href="#">Previous</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">1</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">2</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">3</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">Next</a>
    </li>
  </ul>
</nav>
```

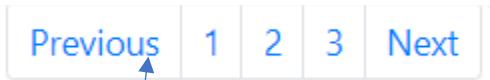


```

<!-- PAGINATION RIGHT -->
<nav>
  <ul class="pagination justify-content-right">
    <li class="page-item">
      <a class="page-link" href="#">Previous</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">1</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">2</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">3</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">Next</a>
    </li>
  </ul>
</nav>

<!-- PAGINATION LARGE -->
<nav>
  <ul class="pagination pagination-lg">
    <li class="page-item">
      <a class="page-link" href="#">Previous</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">1</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">2</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">3</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">Next</a>
    </li>
  </ul>
</nav>

```



```
<! -- PAGINATION SMALL -->
<nav>
  <ul class="pagination pagination-sm">
    <li class="page-item">
      <a class="page-link" href="#">Previous</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">1</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">2</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">3</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">Next</a>
    </li>
  </ul>
</nav>
```



```
<! -- WITH ARROWS -->
<nav>
  <ul class="pagination justify-content-center">
    <li class="page-item">
      <a class="page-link" href="#">
        <span>&laquo;</span>
        <span class="sr-only">Previous</span>
      </a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">1</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">2</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">3</a>
    </li>
    <li class="page-item">
      <a class="page-link" href="#">
        <span>&raquo;</span>
        <span class="sr-only">Next</span>
      </a>
    </li>
  </ul>
</nav>
</div>
```

## Working With Cards

  Lorem ipsum dolor sit amet, consectetur adipisicing elit. Delectus,  
  voluptate.

```
<!-- BLOCK -->
<div class="card">
  <div class="card-body">
    Lorem ipsum dolor sit amet, consectetur adipisicing elit. Delectus,
    voluptate.
  </div>
</div>
```

Card Title  
Card subtitle  
Lorem ipsum dolor sit amet,  
consectetur adipisicing elit. Illo, quas.

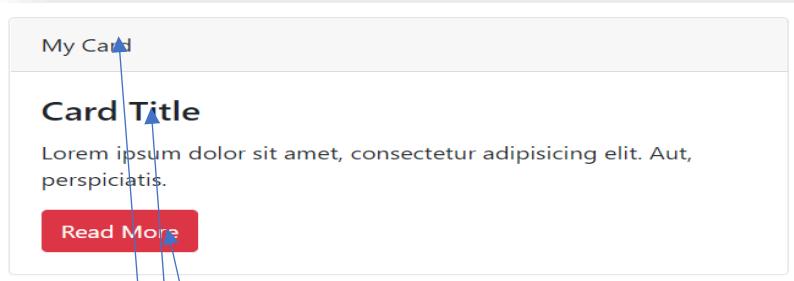
Read More

```
<!-- SIMPLE CARD -->
<div class="card" style="width: 20rem;">
  <div class="card-body">
    <h4 class="card-title">Card Title</h4>
    <h6 class="card-subtitle text-muted">Card subtitle</h6>
    <p class="card-text">
      Lorem ipsum dolor sit amet, consectetur adipisicing elit. Illo,
      quas.
    </p>
    <a class="btn btn-outline-primary" href="#">Read More</a>
  </div>
</div>
```

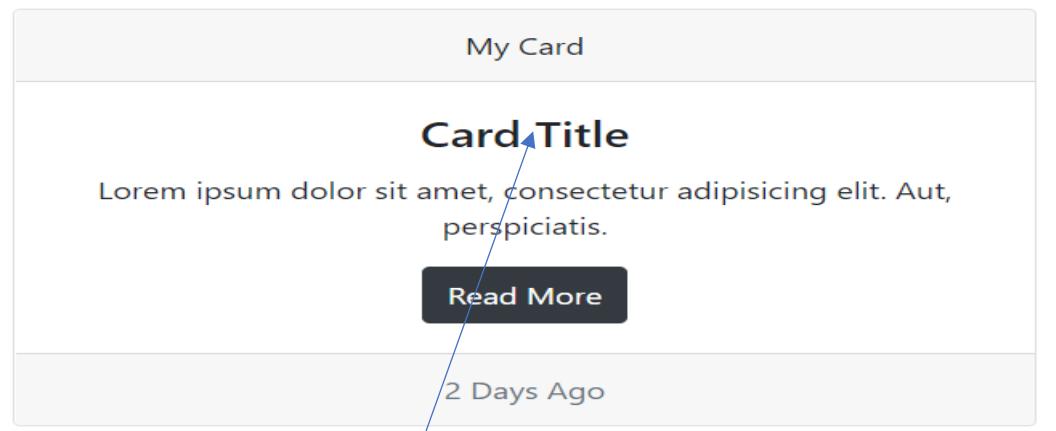


```
<!-- CARD WITH IMAGE -->
<div class="card">

<div class="card-body">
    <h4 class="card-title">Card Title</h4>
<p class="card-text">
    Lorem ipsum dolor sit amet, consectetur adipisicing elit. Illo, quas.
    <a class="btn btn-success btn-block" href="#">Read More</a>
</div>
</div>
```



```
<!-- CARD WITH HEADER -->
<div class="card">
    <div class="card-header">My Card</div>
    <div class="card-body">
        <h4 class="card-title">Card Title</h4>
<p class="card-text"> Lorem ipsum dolor sit amet, adipisicing elit. Aut,</p>
        <a class="btn btn-danger" href="#">Read More</a>
    </div>
</div>
```

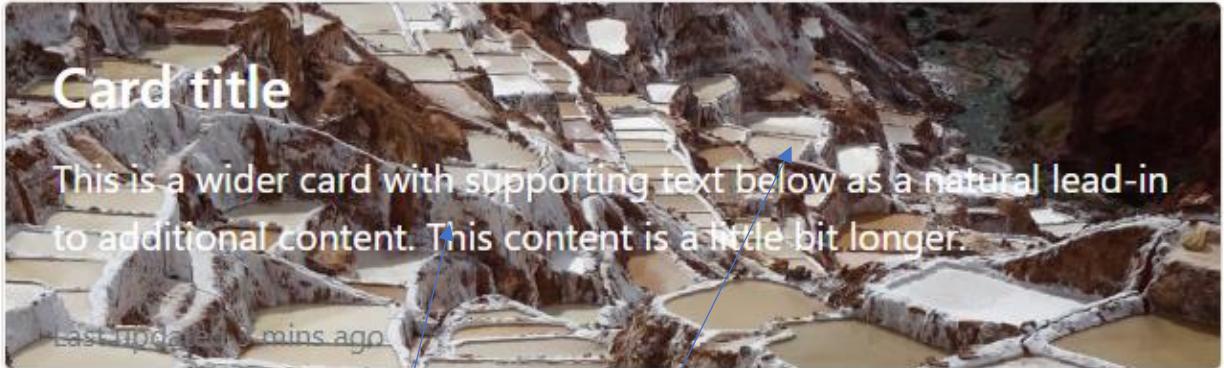


```
<!-- HEADER, FOOTER, CENTERED -->
<div class="card text-center">
  <div class="card-header">
    My Card
  </div>
  <div class="card-body">
    <h4 class="card-title">Card Title</h4>
    <p class="card-text">
      Lorem ipsum dolor sit amet, consectetur adipisicing elit. Aut,
      perspiciatis.
    </p>
    <a class="btn btn-dark" href="#">Read More</a>
  </div>
  <div class="card-footer text-muted">
    2 Days Ago
  </div>
</div>
<br />
<br />
<h5 class="text-truncate">
  Lorem ipsum dolor sit amet consectetur adipisicing elit. Nihil ratione,
</h5>
```

**Lorem ipsum dolor sit amet consectetur adipisicing eli...**



```
<!-- CARD WITH NAV -->
<div class="card">
  <div class="card-header">
    <ul class="nav nav-tabs card-header-tabs">
      <li class="nav-item">
        <a class="nav-link Active" href="#">Active</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Link</a>
      </li>
      <li class="nav-item">
        <a class="nav-link disabled" href="#">Disabled</a>
      </li>
    </ul>
  </div>
  <div class="card-body">
    <h4 class="card-title">Card Title</h4>
    <p class="card-text">
      Lorem ipsum dolor sit amet, consectetur adipisicing elit. Aut,
      perspiciatis.
    </p>
    <a class="btn btn-primary" href="#">Read More</a>
  </div>
</div>
```



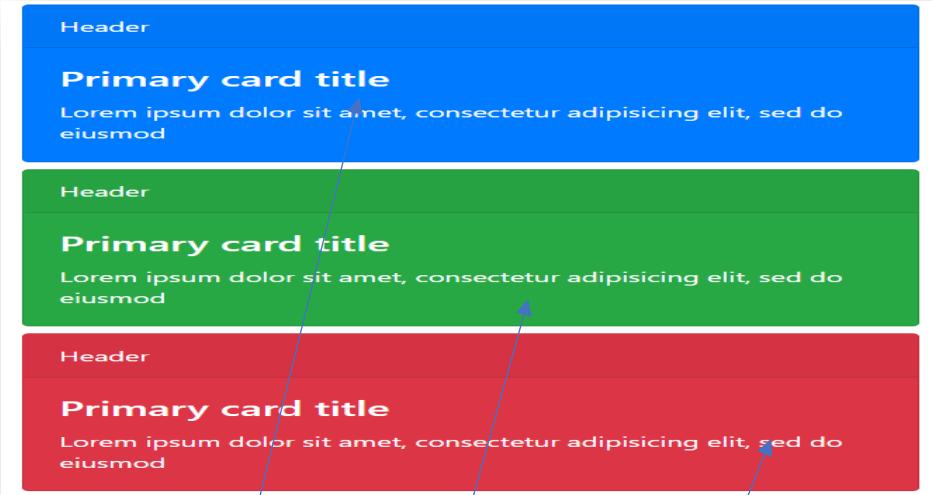
Card title

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

```
<!-- IMAGE OVERLAYS -->
<div class="card text-white">
  
  <div class="card-img-overlay">
    <h4 class="card-title">Card title</h4>
    <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>
```

This link is random images by default: "<https://source.unsplash.com/random/1000x300>"



```
<!-- BACKGROUND COLOR -->
<div class="card bg-primary text-white mb-2">
  <div class="card-header">Header</div>
  <div class="card-body">
    <h4 class="card-title">Primary card title</h4>
    <p class="card-text">
      Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
      ...
    </p>
  </div>
</div>
<div class="card bg-success text-white mb-2">
  <div class="card-header">Header</div>
  <div class="card-body">
    <h4 class="card-title">Primary card title</h4>
    <p class="card-text">
      Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
      eiusmod
      ...
    </p>
  </div>
</div>
<div class="card bg-danger text-white mb-2">
  <div class="card-header">Header</div>
  <div class="card-body">
    <h4 class="card-title">Primary card title</h4>
    <p class="card-text">
      Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
      eiusmod
      ...
    </p>
  </div>
</div>
```

#### Primary card title

  Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod

#### Primary card title

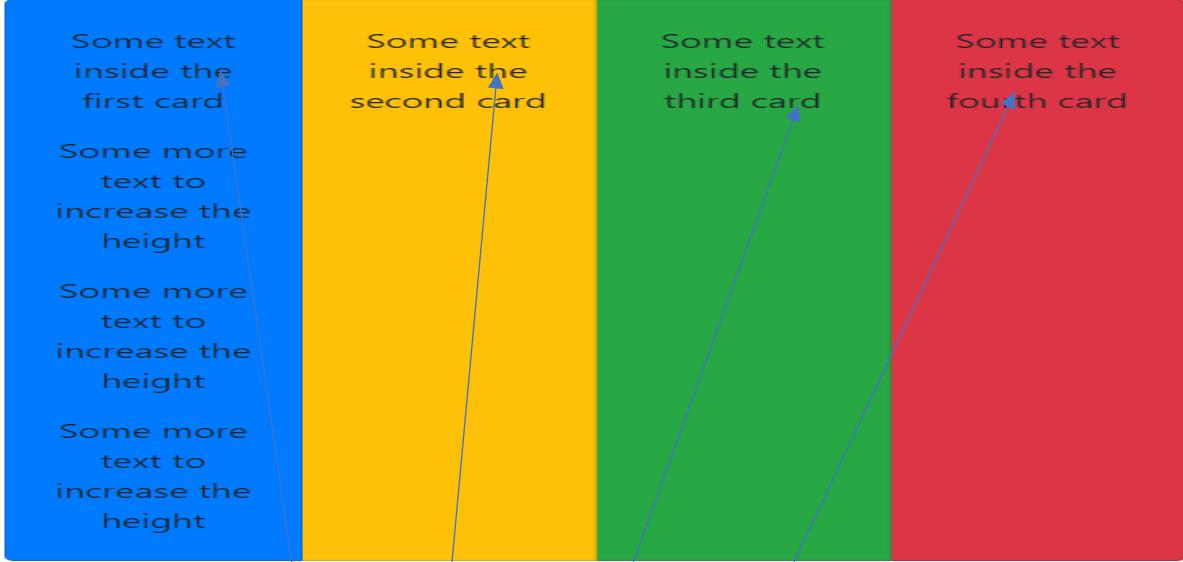
  Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod

#### Primary card title

  Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod

```
<!-- CARD OUTLINE -->
<div class="card border-primary mb-2">
  <div class="card-body">
    <h4 class="card-title">Primary card title</h4>
    <p>
      Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
      eiusmod
    </p>
  </div>
</div>
<div class="card border-danger mb-2">
  <div class="card-body">
    <h4 class="card-title">Primary card title</h4>
    <p>
      Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
      eiusmod
    </p>
  </div>
</div>

<div class="card border-success mb-2">
  <div class="card-body">
    <h4 class="card-title">Primary card title</h4>
    <p>
      Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
      eiusmod
    </p>
  </div>
</div>
```



```
<!-- CARD GROUP -->
<div class="card-group">
  <div class="card bg-primary">
    <div class="card-body text-center">
      <p class="card-text">Some text inside the first card</p>
      <p class="card-text">Some more text to increase the height</p>
      <p class="card-text">Some more text to increase the height</p>
      <p class="card-text">Some more text to increase the height</p>
    </div>
  </div>
  <div class="card bg-warning">
    <div class="card-body text-center">
      <p class="card-text">Some text inside the second card</p>
    </div>
  </div>
  <div class="card bg-success">
    <div class="card-body text-center">
      <p class="card-text">Some text inside the third card</p>
    </div>
  </div>
  <div class="card bg-danger">
    <div class="card-body text-center">
      <p class="card-text">Some text inside the fourth card</p>
    </div>
  </div>
</div>
```

## Card Title

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Illo, quas.

## Card Title

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Illo, quas.

## Card Title

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Illo, quas.

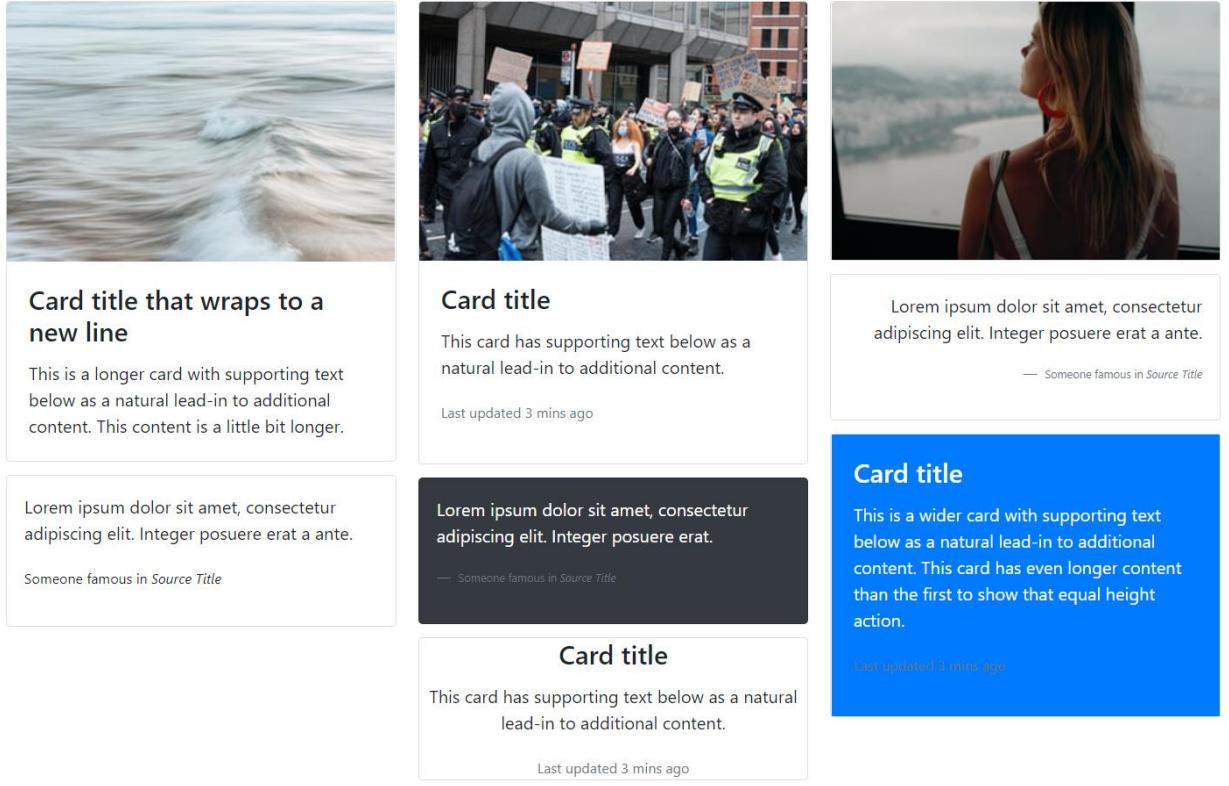


```
<!-- CARD DECK -->
<div class="container">
  <div class="card-deck pb-3">
    <div class="card-body bg-primary">
      <h4 class="card-title">Card Title</h4>
      <p class="card-text">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit. Illo,
        quas.
      </p>
    </div>
  </div>
  <div class="card-deck pb-3">
    <div class="card-body bg-secondary">
      <h4 class="card-title">Card Title</h4>
      <p class="card-text">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit. Illo,
        quas.
      </p>
    </div>
  </div>
</div>
```

```
</div>
<div class="card-deck pb-3">
  <div class="card-body bg-success">
    <h4 class="card-title">Card Title</h4>
    <p class="card-text">
      Lorem ipsum dolor sit amet, consectetur adipisicing elit. Illo,
      quas.
    </p>
  </div>
</div>
</div>

<br />
<br />

<div class="card-deck pb-5">
  <div class="card bg-primary">
    <div class="card-body text-center">
      <p class="card-text">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit.
      </p>
      <p class="card-text">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit.
      </p>
      <p class="card-text">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit.
      </p>
    </div>
  </div>
</div>
<div class="card bg-warning">
  <div class="card-body text-center">
    <p class="card-text">Some text inside the second card</p>
  </div>
</div>
<div class="card bg-success">
  <div class="card-body text-center">
    <p class="card-text">Some text inside the third card</p>
  </div>
</div>
<div class="card bg-danger">
  <div class="card-body text-center">
    <p class="card-text">Some text inside the fourth card</p>
  </div>
</div>
</div>
```



```
<!-- CARD COLUMNS >
<div class="card-columns">
  <div class="card">
    
    <div class="card-body">
      <h4 class="card-title">Card title that wraps to a new line</h4>
      <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
      </p>
    </div>
  </div>
  <div class="card">
    
    <div class="card-body">
      <h4 class="card-title">Card title</h4>
      <p>This card has supporting text below as a natural lead-in to additional content.</p>
      <small>Last updated 3 mins ago</small>
    </div>
  </div>
  <div class="card">
    
    <div class="card-body">
      <h4 class="card-title">Card title</h4>
      <p>This card has 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>
      <small>Last updated 3 mins ago</small>
    </div>
  </div>
</div>
```

```
</p>
</div>
</div>
<div class="card p-3">
<blockquote>
<p>
    Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer
    posuere erat a ante.
</p>
<footer>
    <small>
        Someone famous in
        <cite title="Source Title">Source Title</cite>
    </small>
</footer>
</blockquote>
</div>
<div class="card">
    
    <div class="card-body">
        <h4 class="card-title">Card title</h4>
        <p class="card-text">
            This card has supporting text below as a natural lead-in to
            additional content.
        </p>
        <p>
            <small class="text-muted">Last updated 3 mins ago</small>
        </p>
    </div>
</div>
<div class="card bg-dark text-white p-3">
    <blockquote class="card-bodyquote">
        <p class="card-text">
            Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer
            posuere erat.
        </p>
        <footer class="blockquote-footer">
            <small>
                Someone famous in
                <cite title="Source Title">Source Title</cite>
            </small>
        </footer>
    </blockquote>
</div>
```

```
</footer>
</blockquote>
</div>
<div>
<div class="card text-center">
  <h4 class="card-title">Card title</h4>
  <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>
<div class="card p-3 text-right">
  <blockquote class="card-bodyquote">
    <p class="card-text">
      Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer
      posuere erat a ante.
    </p>
    <footer class="blockquote-footer">
      <small class="text-muted">
        Someone famous in
        <cite title="Source Title">Source Title</cite>
      </small>
    </footer>
  </blockquote>
</div>
<div class="card">
  <div class="card-body bg-primary text-white">
    <h4 class="card-title">Card title</h4>
    <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>
```

```
        <small class="text-muted">Last updated 3 mins ago</small>
    </p>
</div>
</div>
</div>
</div>
```

## Media Objects



### Media heading

Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.

```
<!-- MEDIA OBJECT -->
<div class="media">
    
    <div class="media-body">
        <h5 class="media-title">Media heading</h5>
        Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scel
erisque ante sollicitudin. Cras purus odio, vestibulum in
vulputate at, tempus viverra turpis. Fusce condimentum nunc ac ni
si vulputate fringilla. Donec lacinia congue
felis in faucibus.
    </div>
</div>
```



## Media heading

Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.



## Nested Media

Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.

```
<!-- NESTING MEDIA OBJECTS -->
<div class="media">
  
  <div class="media-body">
    <h5>Media heading</h5>
    Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.

    <div class="media mt-4">
      <a class="pr-3" href="#">
        
      </a>
      <div class="media-body">
        <h5>Nested Media</h5>
        Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.
      </div>
    </div>
  </div>
</div>
```



## Top aligned media

Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.

```
<!-- TOP ALIGNED (DEFAULT) -->
<div class="media m-5">
    
        <div class="media-body">
            <h5>Top aligned media</h5>
            <p>Cras sit amet nibh libero, in gravida nulla. Nulla vel metus s
celerisque ante sollicitudin. Cras purus odio,
                vestibulum in vulputate at, tempus viverra turpis. Fusce cond
imentum nunc ac nisi vulputate fringilla.
            Donec lacinia congue felis in faucibus.</p>
        </div>
    </div>
</div>
```



## Center aligned media

Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.

```
<!-- CENTER ALIGNED -->
<div class="media m-5">
    
        <div class="media-body">
            <h5>Center aligned media</h5>
            <p>Cras sit amet nibh libero, in gravida nulla. Nulla vel metus s
celerisque ante sollicitudin. Cras purus odio,
                vestibulum in vulputate at, tempus viverra turpis. Fusce cond
imentum nunc ac nisi vulputate fringilla.
            Donec lacinia congue felis in faucibus.</p>
        </div>
    </div>
</div>
```

## Bottom aligned media



Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.

```
<!-- BOTTOM ALIGNED -->
<div class="media m-5">
    
    <div class="media-body">
        <h5>Bottom aligned media</h5>
        <p>Cras sit amet nibh libero, in gravida nulla. Nulla vel metus s
celerisque ante sollicitudin. Cras purus odio,
            vestibulum in vulputate at, tempus viverra turpis. Fusce cond
imentum nunc ac nisi vulputate fringilla.
            Donec lacinia congue felis in faucibus.</p>
    </div>
</div>
```



#### List based media object

Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.



#### List based media object

Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.



#### List based media object

Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.

```
<!-- MEDIA LIST -->


- 
    <div class="media-body">
        <h5>List based media object</h5>
        Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.
    </div>
- 
    <div class="media-body">
        <h5>List based media object</h5>
        Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.
    </div>
- 
    <div class="media-body">

```

```

        <h5>List based media object</h5>
        Cras sit amet nibh libero, in gravida nulla. Nulla vel metus
scelerisque ante sollicitudin. Cras purus odio, vestibulum in
            vulputate at, tempus viverra turpis. Fusce condimentum nunc a
c nisi vulputate fringilla. Donec lacinia
                congue felis in faucibus.

        </div>
    </li>
</ul>

</div>

```

## Jumbotron

# Welcome To My Website!

Lore*m ipsum, dolor sit amet consectetur adipisicing elit. Nostrum necessitatibus perspiciatis cum vitae, modi hic?*

Lore*m ipsum dolor sit amet consectetur adipisicing elit. Ea, quibusdam.*

[Read More](#)

```

<!-- JUMBOTRON -->
<div class="jumbotron text-center">
    <h1 class="display-4">Welcome To My Website!</h1>
    <p class="lead">
        Lorem ipsum, dolor sit amet consectetur adipisicing elit. Nostrum necessitatibus perspiciatis cum vitae, modi hic?
    </p>
    <hr />
    <p>
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Ea, quibusdam.
    </p>
    <a class="btn btn-primary btn-lg" href="#" role="button">Read More</a>
</div>
<br /></div>

```

# Fluid Jumbotron

Lorem ipsum dolor sit amet consectetur adipisicing elit.  
Voluptas recusandae voluptatibus, natus architecto  
asperiores a.

```
<!-- FLUID JUMBOTRON -->  
<div class="jumbotron jumbotron-fluid">  
  <div class="container">  
    <h1 class="display-4">Fluid Jumbotron</h1>  
    <p class="lead">  
      Lorem ipsum dolor sit amet consectetur adipisicing elit. Voluptas  
      recusandae voluptatibus, natus architecto asperiores a.  
    </p>  
  </div>  
</div>  
<div style="margin-top: 500px;"></div>
```

## Gird System and flexbox

- 6 column on small screens
- 8 column on medium screen
- 9 column on large screen
- 10 column on xlarge screen

- 6 column on small screens
- 4 column on medium screen
- 3 column on large screen
- 2 column on xlarge screen

```
<!-- RESPONSIVE GRID -->
<div class="row">
  <div class="col-sm-6 col-lg-9 col-xl-10" style="border:1px solid #333">
    <ul>
      <li>6 column on small screens</li>
      <li>8 column on medium screen</li>
      <li>9 column on large screen</li>
      <li>10 column on xlarge screen</li>
    </ul>
  </div>
  <div class="col-sm-6 col-lg-3 col-xl-2" style="border:1px solid #333">
    <ul>
      <li>6 column on small screens</li>
      <li>4 column on medium screen</li>
      <li>3 column on large screen</li>
      <li>2 column on xlarge screen</li>
    </ul>
  </div>
</div>
```

Equal Width	Equal Width	Equal Width	Equal Width
Equal Width Multi			Equal Width Multi

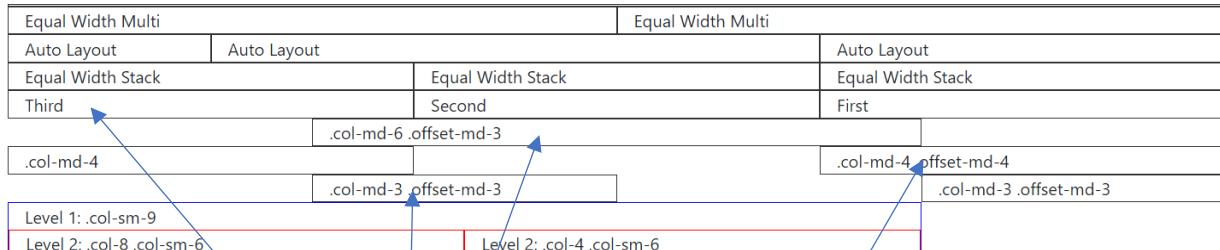
```
<!-- EQUAL WIDTH -->
<div class="row">
  <div class="col" style="border:1px solid #333">Equal Width</div>
  <div class="col" style="border:1px solid #333">Equal Width</div>
  <div class="col" style="border:1px solid #333">Equal Width</div>
  <div class="col" style="border:1px solid #333">Equal Width</div>
</div>
```

```
<!-- EQUAL WIDTH MULTI ROW -->
<div class="row">
  <div class="col" style="border:1px solid #333">Equal Width Multi</div>
  <div class="col" style="border:1px solid #333">Equal Width Multi</div>
  <div class="w-100" style="border:1px solid #333"></div>
  <div class="col" style="border:1px solid #333">Equal Width Multi</div>
  <div class="col" style="border:1px solid #333">Equal Width Multi</div>
</div>
```

Equal Width Multi	Equal Width Multi
Auto Layout	Auto Layout
Equal Width Stack	Equal Width Stack
Third	Second
.col-md-4	.col-md-6 .offset-md-3
Level 1: .col-sm-9	.col-md-3 .offset-md-3
Level 2: .col-8 .col-sm-6	First
	.col-md-4 .offset-md-4
	.col-md-3 .offset-md-3

```
<!-- AUTO LAYOUT -->
<div class="row">
  <div class="col" style="border:1px solid #333">Auto Layout</div>
  <div class="col-6" style="border:1px solid #333">Auto Layout</div>
  <div class="col-4" style="border:1px solid #333">Auto Layout</div>
</div>
```

```
<!-- EQUAL WIDTH STACKED -->
<div class="row">
  <div class="col" style="border:1px solid #333">Equal Width Stack</div>
  <div class="col" style="border:1px solid #333">Equal Width Stack</div>
  <div class="col" style="border:1px solid #333">Equal Width Stack</div>
</div>
```



```
<!-- ORDERING -->
<div class="row">
    <div class="col order-3" style="border:1px solid #333">
        First
    </div>
    <div class="col order-2" style="border:1px solid #333">
        Second
    </div>
    <div class="col order-1" style="border:1px solid #333">
        Third
    </div>
</div>
```

```
<!-- OFFSETTING -->
<div class="row">
    <!-- 6 column div offset by 3 -->
    <div class="col-md-6 offset-md-3" style="border:1px solid #333">.col-md-6 .offset-md-3</div>
</div>
<div class="row">
    <!-- 2 4 column divs, the second offset by 4 -->
    <div class="col-md-4" style="border:1px solid #333">.col-md-4</div>
    <div class="col-md-4 offset-md-4" style="border:1px solid #333">.col-md-4 .offset-md-4</div>
</div>

<div class="row">
    <!-- 2 3 column divs, both offset by 3 -->
    <div class="col-md-3 offset-md-3" style="border:1px solid #333">.col-md-3 .offset-md-3</div>
    <div class="col-md-3 offset-md-3" style="border:1px solid #333">.col-md-3 .offset-md-3</div>
</div>
```

Level 1: .col-sm-9

Level 2: .col-8 .col-sm-6

Level 2: .col-4 .col-sm-6

```
<!-- NESTING -->
<div class="row">
  <div class="col-sm-9" style="border:1px solid blue">
    Level 1: .col-sm-9
    <div class="row">
      <div class="col-8 col-sm-6" style="border:1px solid red">
        Level 2: .col-8 .col-sm-6
      </div>
      <div class="col-4 col-sm-6" style="border:1px solid red">
        Level 2: .col-4 .col-sm-6
      </div>
    </div>
  </div>
</div>
```

## Gird Alignment

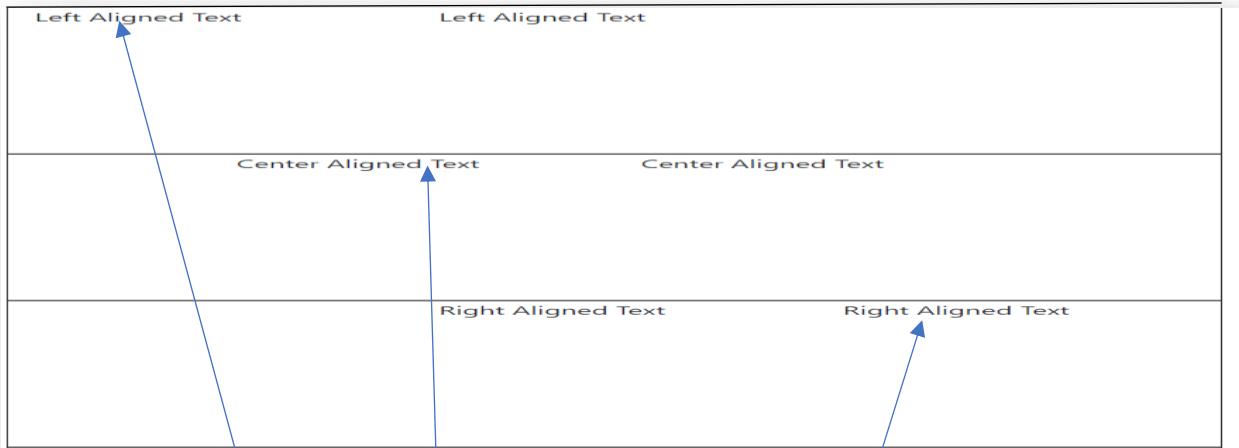
Top Aligned Text	Top Aligned Text	Top Aligned Text
Middle Aligned Text	Middle Aligned Text	Middle Aligned Text
Bottom Aligned Text	Bottom Aligned Text	Bottom Aligned Text

```
<!-- VERTICAL ALIGNMENT -->
<div class="container">
  <div
    class="row align-items-start"
    style="height: 200px; border: 1px #333 solid;">
  </div>
  <div class="col">
    Top Aligned Text
  </div>
  <div class="col">
    Top Aligned Text
  </div>
  <div class="col">
    Top Aligned Text
  </div>
</div>
<div
  class="row align-items-center"
  style="height: 200px; border: 1px #333 solid;">
  <div class="col">
    Middle Aligned Text
  </div>
  <div class="col">
    Middle Aligned Text
  </div>
  <div class="col">
```

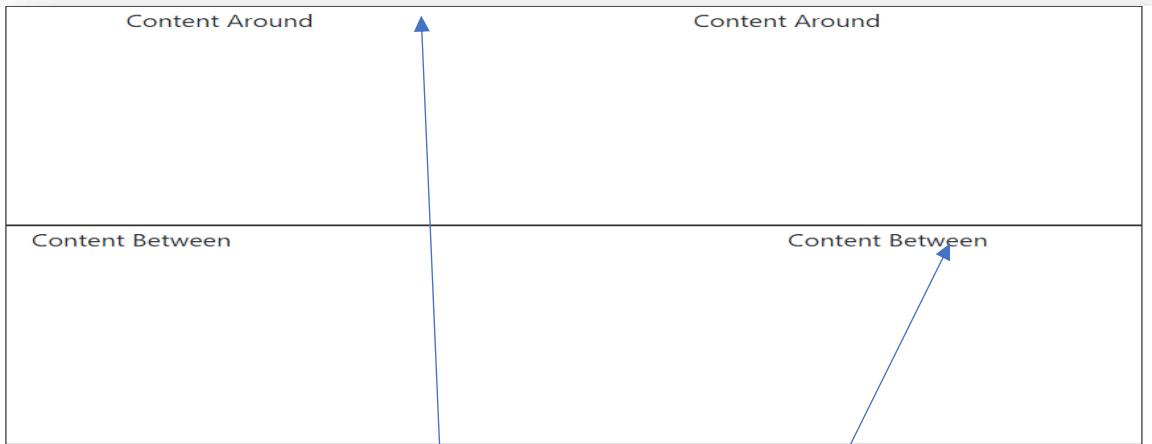
```
        Middle Aligned Text
    </div>
</div>
<div
    class="row align-items-end"
    style="height: 200px; border: 1px #333 solid;">
    <div class="col">
        Bottom Aligned Text
    </div>
    <div class="col">
        Bottom Aligned Text
    </div>
    <div class="col">
        Bottom Aligned Text
    </div>
</div>
</div>
```



```
<!-- VERTICAL ALIGN INDIVIDUAL COLS -->
<div class="container">
    <div class="row" style="height: 200px; border: 1px #333 solid;">
        <div class="col align-self-start">
            Top Aligned
        </div>
        <div class="col align-self-center">
            Middle Aligned
        </div>
        <div class="col align-self-end">
            Bottom Aligned
        </div>
    </div>
</div>
```



```
<!-- HORIZONTAL ALIGNED COLS -->
<div class="container">
  <div
    class="row justify-content-start"
    style="height: 200px; border: 1px #333 solid;">
    <div class="col-4">
      Left Aligned Text
    </div>
    <div class="col-4">
      Left Aligned Text
    </div>
  </div>
  <div
    class="row justify-content-center"
    style="height: 200px; border: 1px #333 solid; ">
    <div class="col-4">
      Center Aligned Text
    </div>
    <div class="col-4">
      Center Aligned Text
    </div>
  </div>
  <div
    class="row justify-content-end"
    style="height: 200px; border: 1px #333 solid;">
    <div class="col-4">
      Right Aligned Text
    </div>
    <div class="col-4">
      Right Aligned Text
    </div>
  </div>
</div>
```



```
<div
  class="row justify-content-around"
  style="height: 200px; border: 1px #333 solid;">
  <div class="col-4">
    Content Around
  </div>
  <div class="col-4">
    Content Around
  </div>
</div>
<div
  class="row justify-content-between"
  style="height: 200px; border: 1px #333 solid;">
  <div class="col-4">
    Content Between
  </div>
  <div class="col-4">
    Content Between
  </div>
</div>
</div>
```

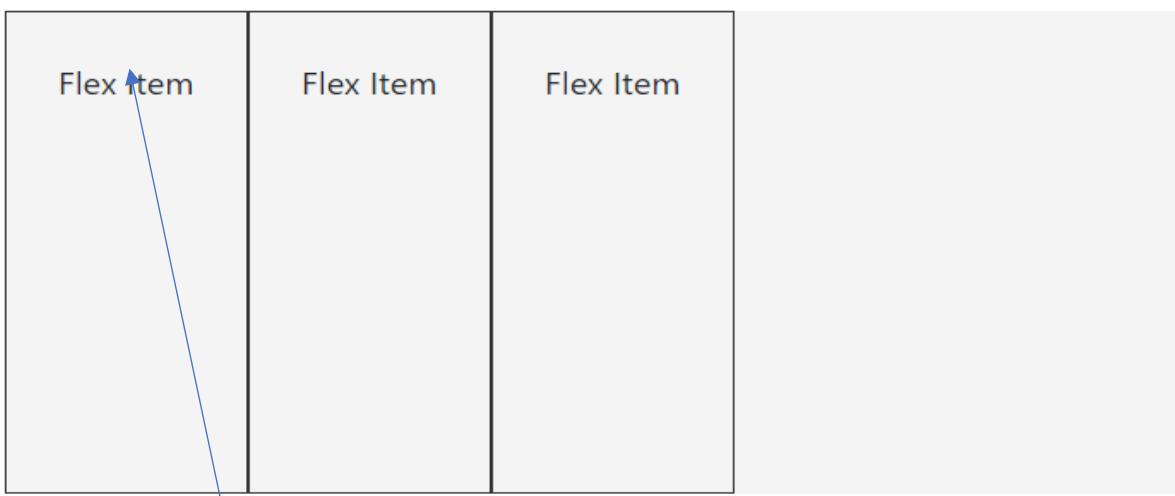
**Consequuntur, repudiandae!**

**Consequuntur, repudiandae!**

**Consequuntur, repudiandae!**

```
<!-- COLUMN WRAPPING & NO GUTTERS-->
<div class="row no-gutters">
  <div class="col-9">
    <div class="card">
      <div class="card-block">
        <p>
          Lorem ipsum dolor sit amet, consectetur adipisicing elit.
          Consequuntur, repudiandae!
        </p>
      </div>
    </div>
  </div>
  <div class="col-4">
    <div class="card">
      <div class="card-block">
        <p>
          Lorem ipsum dolor sit amet, consectetur adipisicing elit.
          Consequuntur, repudiandae!
        </p>
      </div>
    </div>
  </div>
  <div class="col-6">
    <div class="card">
      <div class="card-block">
        <p>
          Lorem ipsum dolor sit amet, consectetur adipisicing elit.
          Consequuntur, repudiandae!
        </p>
      </div>
    </div>
  </div>
</div></div></div></div></div>
```

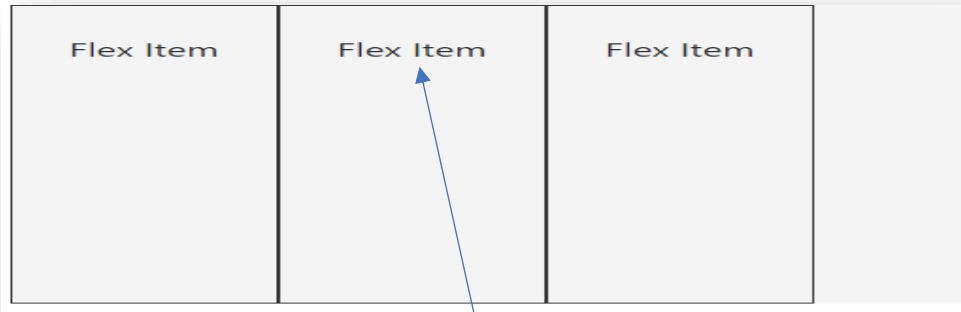
## FlexBox



```
<!-- FLEX ROW & FLEX ITEMS -->
<div class="d-flex flex-row row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



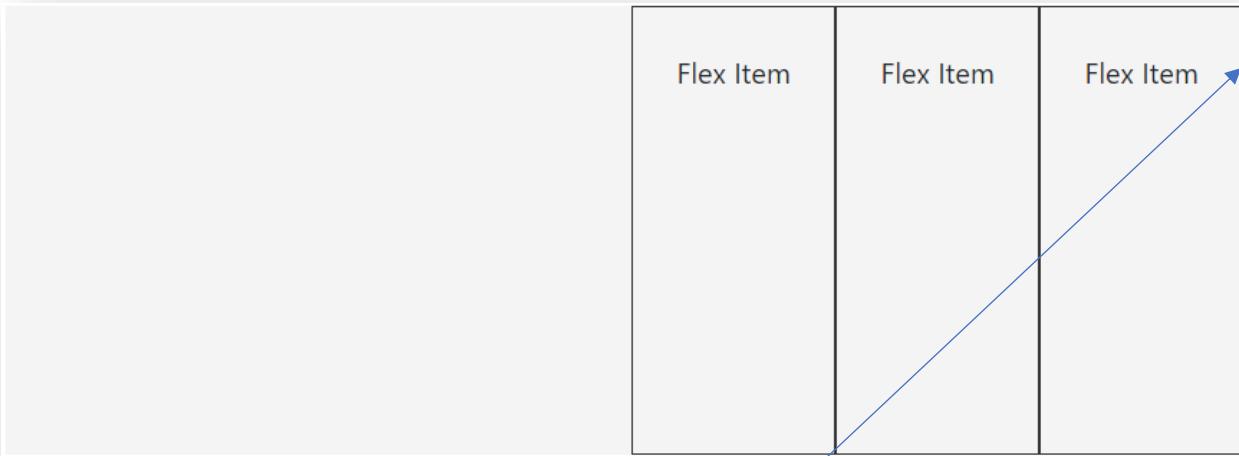
```
<!-- FLEX ROW REVERSE -->
<div class="d-flex flex-row-reverse row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



```
<!-- JUSTIFY CONTENT - CONTENT START -->
<div class="d-flex justify-content-start row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



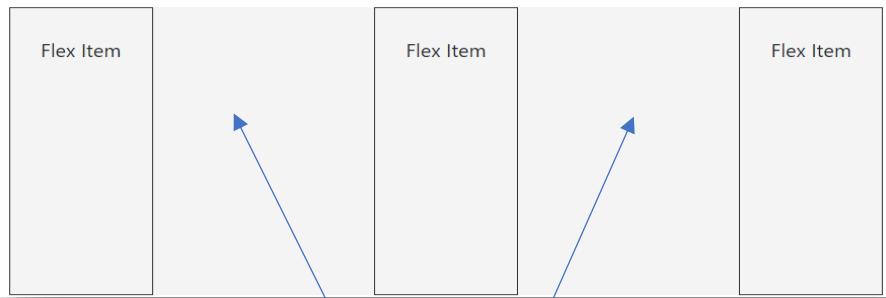
```
JUSTIFY CONTENT - CONTENT CENTER -->
<div class="d-flex justify-content-center row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



```
<!-- JUSTIFY CONTENT - CONTENT END -->
<div class="d-flex justify-content-end row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



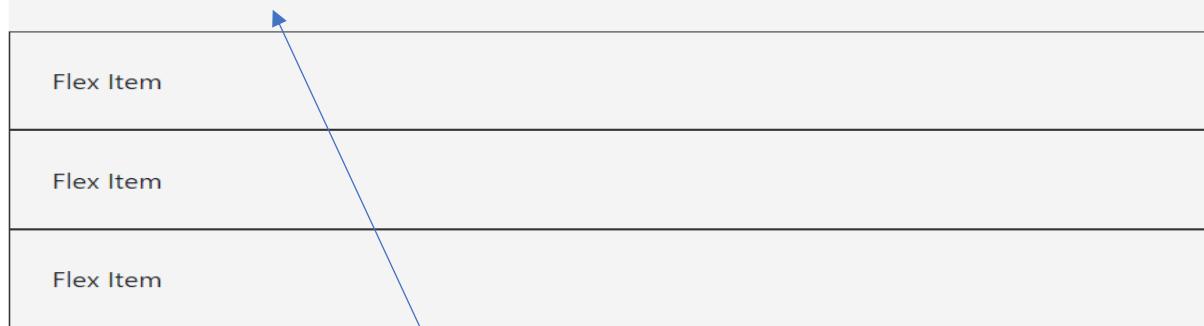
```
<!-- JUSTIFY CONTENT - CONTENT AROUND -->
<div class="d-flex justify-content-around row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



```
<!-- JUSTIFY CONTENT - CONTENT BETWEEN -->
<div class="d-flex justify-content-between row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



```
<!-- FLEX COLUMN -->
<div class="d-flex flex-column row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



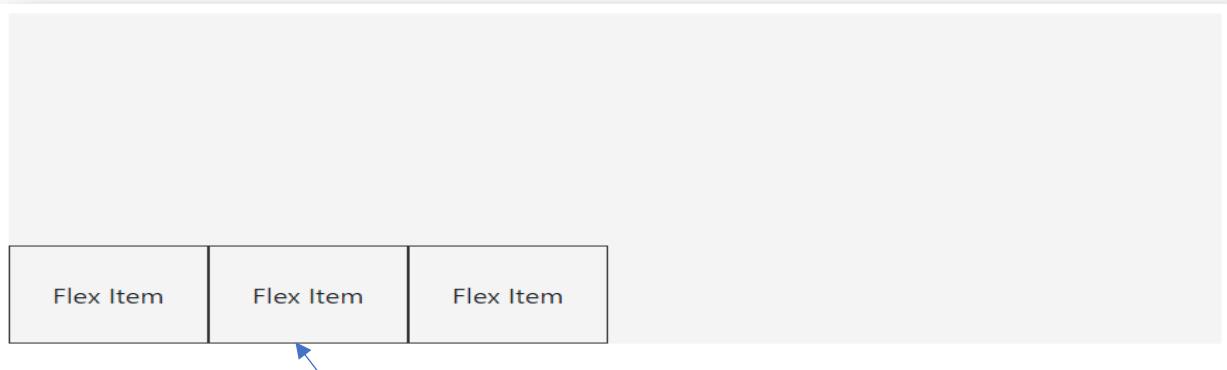
```
<!-- FLEX COLUMN REVERSE -->
<div class="d-flex flex-column-reverse row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



```
<!-- VERTICAL ALIGN ITEMS - START -->
<div class="d-flex align-items-start row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



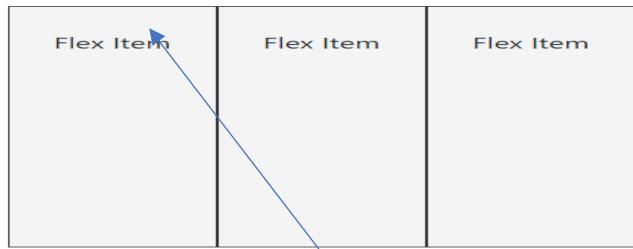
```
<!-- VERTICAL ALIGN ITEMS - END -->
<div class="d-flex align-items-center row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



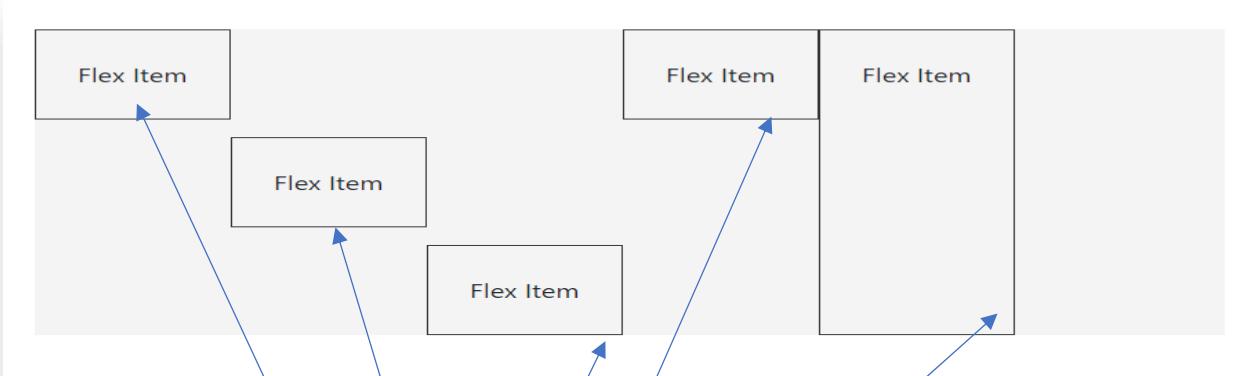
```
<!-- VERTICAL ALIGN ITEMS - END -->
<div class="d-flex align-items-end row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



```
<!-- VERTICAL ALIGN ITEMS - BASELINE -->
<div class="d-flex align-items-baseline row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



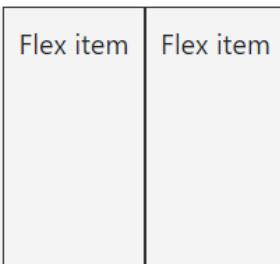
```
<!-- VERTICAL ALIGN ITEMS - STRETCH -->
<div class="d-flex align-items-stretch row-hl">
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
  <div class="p-4 item-hl">Flex Item</div>
</div>
```



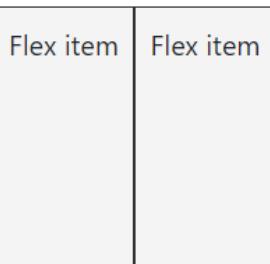
SELF -->

```
<div class="d-flex row-hl">
  <div class="align-self-start p-4 item-hl">Flex Item</div>
  <div class="align-self-center p-4 item-hl">Flex Item</div>
  <div class="align-self-end p-4 item-hl">Flex Item</div>
  <div class="align-self-baseline p-4 item-hl">Flex Item</div>
  <div class="align-self-stretch p-4 item-hl">Flex Item</div>
</div>
```

## Auto Margin and Wrap



```
<! -- MR-AUTO -->
<div class="d-flex row-hl">
    <div class="mr-auto p-2 item-hl">Flex item</div>
    <div class="p-2 item-hl">Flex item</div>
    <div class="p-2 item-hl">Flex item</div>
</div>
```



```
<! -- ML-AUTO -->
<div class="d-flex row-hl">
    <div class="p-2 item-hl">Flex item</div>
    <div class="p-2 item-hl">Flex item</div>
    <div class="ml-auto p-2 item-hl">Flex item</div>
</div>
```

Flex item

Flex item

Flex item

```
<!-- MB-AUTO -->
<div class="d-flex flex-column row-hl">
  <div class="mb-auto p-2 item-hl">Flex item</div>
  <div class="p-2 item-hl">Flex item</div>
  <div class="p-2 item-hl">Flex item</div>
</div>
```

Flex item

Flex item

Flex item

```
<!-- MT-AUTO -->
<div class="d-flex flex-column row-hl">
  <div class="p-2 item-hl">Flex item</div>
  <div class="p-2 item-hl">Flex item</div>
  <div class="mt-auto p-2 item-hl">Flex item</div>
</div>
```



Flex item							
Flex item							

```
<! -- WRAP -->
<div class="d-flex flex-wrap row-h1">
  <div class="p-2 item-h1">Flex item</div>
  <div class="p-2 item-h1">Flex item</div>
</div>
```

Third flex item	Second flex item	First flex item
-----------------	------------------	-----------------

```
<!-- ORDERING -->
<div class="d-flex row-h1">
  <div class="order-3 p-2 item-h1">First flex item</div>
  <div class="order-2 p-2 item-h1">Second flex item</div>
  <div class="order-1 p-2 item-h1">Third flex item</div>
</div>
</div>
```

## Carousel Slider



```
<div class="row">
  <div class="col-sm-8 m-auto">
    <!-- SIMPLE SLIDER -->
    <div id="slider1" class="carousel slide mb-5" data-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>
</div>
```



```
<!-- SLIDER WITH CONTROLS -->
<div id="slider2" class="carousel slide mb-5" data-ride="carousel">
  <div class="carousel">
    <div class="carousel-item active">
      
    </div>
    <div class="carousel-item">
      
    </div>
    <div class="carousel-item">
      
    </div>
  </div>
  <!-- Controls -->
  <a href="#slider2" class="carousel-control-prev" data-slide="prev">
```

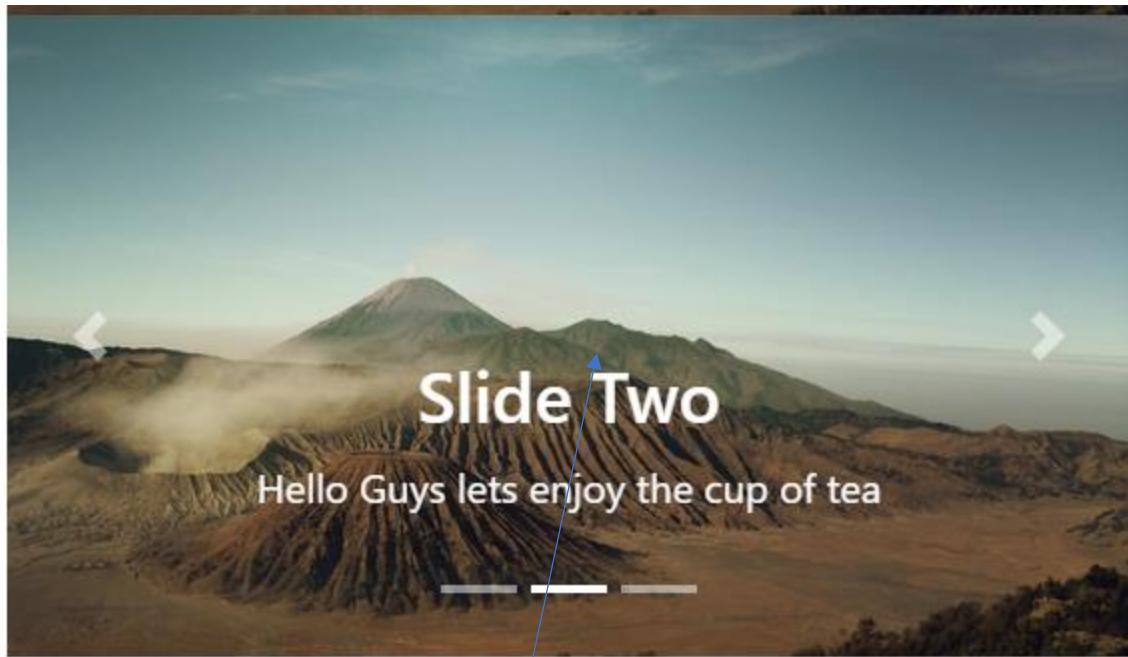
```
<span class="carousel-control-prev-icon"></span>
</a>

<a href="#slider2" class="carousel-control-next" data-slide="next">
    <span class="carousel-control-next-icon"></span>
</a>
</div>
```



```
<!-- SLIDER WITH INDICATORS -->
<div id="slider3" class="carousel slide mb-5" data-ride="carousel">
    <div class="carousel">
        <ol class="carousel-indicators">
            <li
                class="active"
                data-target="#slider3"
                data-slide-to="0"
            ></li>
            <li data-target="#slider3" data-slide-to="1"></li>
            <li data-target="#slider3" data-slide-to="2"></li>
        </ol>
        <div class="carousel-inner">
            <div class="carousel-item active">
                
            </div>
            <div class="carousel-item">
                
</div>
<div class="carousel-item">
    
</div>
</div>
<!-- Controls -->
<a href="#slider3" class="carousel-control-prev" data-slide="prev">
    <span class="carousel-control-prev-icon"></span>
</a>

<a href="#slider3" class="carousel-control-next" data-slide="next">
    <span class="carousel-control-next-icon"></span>
</a>
</div>
```



```
<!-- SLIDER WITH CAPTIONS -->
<div id="slider4" class="carousel slide mb-5" data-ride="carousel">
  <div class="carousel">
    <ol class="carousel-indicators">
      <li class="active" data-target="#slider4" data-slide-to="0"></li>
      <li data-target="#slider4" data-slide-to="1"></li>
      <li data-target="#slider4" data-slide-to="2"></li>
    </ol>
    <div class="carousel-inner">
      <div class="carousel-item active">
        
        <div class="carousel-caption d-none d-md-block">
          <h3>Slide one</h3>
          <p>Hello Guys lets enjoy the cup of tea </p>
        </div>
      </div>
      <div class="carousel-item">
        
        <div class="carousel-caption d-none d-md-block">
          <h3>Slide Two</h3>
          <p>Hello Guys lets enjoy the cup of tea</p>
        </div>
      </div>
    </div>
  </div>
</div>
```

```


    <div class="carousel-caption d-none d-md-block">
        <h3>Slide Three</h3>
        <p> Hello Guys lets enjoy the cup of tea</p>
    </div>
</div>
<!-- Controls -->
<a href="#slider4" class="carousel-control-prev" data-slide="prev">
    <span class="carousel-control-prev-icon"></span>
</a>

<a href="#slider4" class="carousel-control-next" data-slide="next">
    <span class="carousel-control-next-icon"></span>
</a>
</div>

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

```

→This below javascript code is for to set the image time interval and image hover.

```

$('.carousel').carousel({
    interval:3000,
    keyboard:true,
    pause:'hover',
    wrap:true
});

$('#slider4').on('slide.bs.carousel', function(){
    console.log('SLIDE!');
});

$('#slider4').on('slid.bs.carousel', function () {
    console.log('SLID!');
});

```

## Collapse and Accordin

The diagram illustrates a user interface element where a blue button labeled "Read More" is positioned above a collapsed content area. A blue arrow points from the button to the top edge of the collapsed area. The collapsed area contains placeholder text (Lorem ipsum) and is enclosed in a light gray box with a thin border.

```
<!-- BUTTON WITH COLLAPSE -->
<button
  class="btn btn-primary d-block mb-4"
  data-toggle="collapse"
  data-target="#collapse-btn-1">Read More</button>
<div class="collapse mb-5" id="collapse-btn-1">
  <div class="card">
    <div class="card-body">
      Lorem ipsum dolor sit amet, consectetur adipisicing elit. Fugit eius libero quisquam nobis explicabo vel non necessitatibus ipsum doloribus cupiditate voluptate recusandae quo autem error debitis, sed, minima repellendus commodi.
    </div>
  </div>
</div>
```

### Collapse One

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Veritatis ea iste a doloremque, cumque, debitis eum vel ipsum architecto aut, recusandae totam ullam aperiam. Nesciunt expedita officiis animi quam corporis optio inventore facilis sint et nulla in, repellat debitis dolor at nisi quo, unde temporibus. Quos nisi nostrum officia, illo.

### Collapse Two

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Veritatis ea iste a doloremque, cumque, debitis eum vel ipsum architecto aut, recusandae totam ullam aperiam. Nesciunt expedita officiis animi quam corporis optio inventore facilis sint et nulla in, repellat debitis dolor at nisi quo, unde temporibus. Quos nisi nostrum officia, illo.

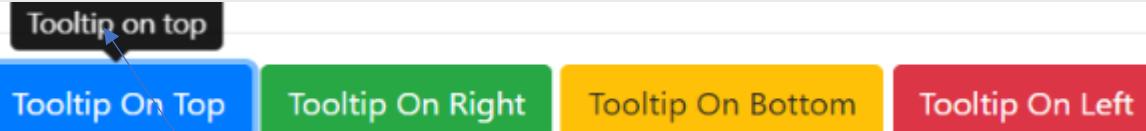
### Collapse Three

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Veritatis ea iste a doloremque, cumque, debitis eum vel ipsum architecto aut, recusandae totam ullam aperiam. Nesciunt expedita officiis animi quam corporis optio inventore facilis sint et nulla in, repellat debitis dolor at nisi quo, unde temporibus. Quos nisi nostrum officia, illo.

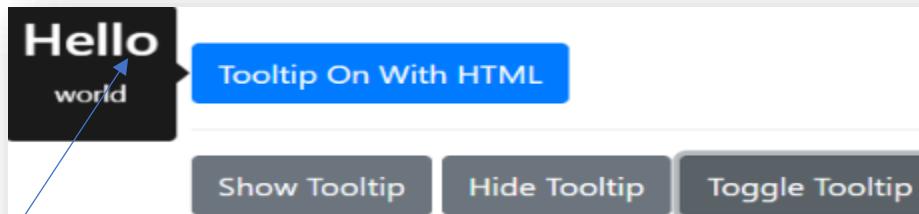
```
<!-- ACCORDION -->
<div id="accordion">
  <div class="card">
    <div class="card-header">
      <h5>
        <a href="#collapse1"
           data-parent="#accordion"
           data-toggle="collapse">Collapse One
        </a>
      </h5>
    </div>
    <div id="collapse1" class="collapse show">
      <div class="card-body">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit.
        Veritatis ea iste a doloremque, cumque, debitis eum vel ipsum
        architecto aut, recusandae totam ullam aperiam. Nesciunt expedita
        officiis animi quam corporis optio inventore facilis sint et nulla
        in, repellat debitis dolor at nisi quo, unde temporibus. Quos nisi
        nostrum officia, illo.
      </div>
    </div>
  </div>
  <div class="card">
    <div class="card-header">
      <h5>
```

```
<a href="#collapse2" data-parent="#accordion" data-toggle="collapse" >Collapse Two
</a>
</h5>
</div>
<div id="collapse2" class="collapse">
<div class="card-body">
    Lorem ipsum dolor sit amet, consectetur adipisicing elit.
    Veritatis ea iste a doloremque, cumque, debitis eum vel ipsum
    architecto aut, recusandae totam ullam aperiam. Nesciunt expedita
    officiis animi quam corporis optio inventore facilis sint et nulla
    in, repellat debitis dolor at nisi quo, unde temporibus. Quos nisi
    nostrum officia, illo.
</div>
</div>
</div>
<div class="card">
<div class="card-header">
<h5>
<a href="#collapse3" data-parent="#accordion" data-toggle="collapse">Collapse Three
</a>
</h5>
</div>
<div id="collapse3" class="collapse">
<div class="card-body">
    Lorem ipsum dolor sit amet, consectetur adipisicing elit.
    Veritatis ea iste a doloremque, cumque, debitis eum vel ipsum
    architecto aut, recusandae totam ullam aperiam. Nesciunt expedita
    officiis animi quam corporis optio inventore facilis sint et nulla
    in, repellat debitis dolor at nisi quo, unde temporibus. Quos nisi
    nostrum officia, illo.
</div>
</div>
</div>
</div>
</div>
```

## Tooltips



```
- TOOLTIPS -->
    <button class="btn btn-primary" data-toggle="tooltip" data-
placement="top" title="Tooltip on top">Tooltip On Top
    </button>
    <button class="btn btn-success" data-toggle="tooltip" data-
placement="right" title="Tooltip on right" > Tooltip On Right
    </button>
    <button class="btn btn-warning" data-toggle="tooltip" data-
placement="bottom" title="Tooltip on bottom">Tooltip On Bottom
    </button>
    <button class="btn btn-danger" data-toggle="tooltip" data-
placement="left" title="Tooltip on left"> Tooltip On Left
    </button>
```



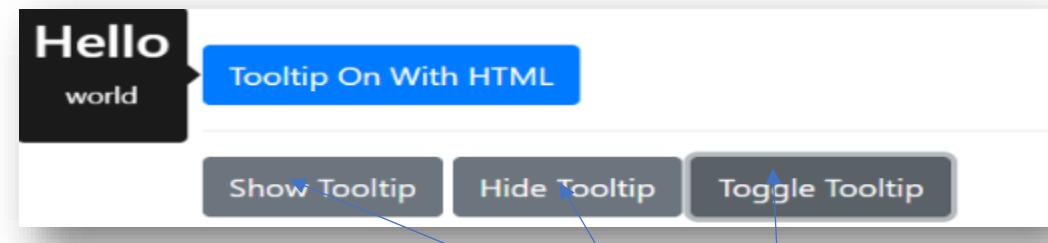
```
<!-- TOOLTIPS WITH HTML -->
<button
  id="hello"
  class="btn btn-primary"
  data-toggle="tooltip"
  data-placement="left"
  data-html="true"
  title="

### Hello



world

">Tooltip On With HTML</button>
```



```
<!-- TRIGGER WITH JS -->
<button class="btn btn-secondary" onclick="showTooltip()">
    Show Tooltip
</button>

<button class="btn btn-secondary" onclick="hideTooltip()">
    Hide Tooltip
</button>

<button class="btn btn-secondary" onclick="toggleTooltip()">
    Toggle Tooltip
</button>
</div>
```

## JavaScript→

```
<script>
    //Init tooltip
    $('[data-toggle="tooltip"]').tooltip();

    function showTooltip() {
        $("#hello").tooltip("show");
    }

    function hideTooltip() {
        $("#hello").tooltip("hide");
    }

    function toggleTooltip() {
        $("#hello").tooltip("toggle");
    }

    //Tooltip events
    $("#hello").on("show.bs.tooltip", function () {
        console.log("Tooltip Show");
    });

    $("#hello").on("shown.bs.tooltip", function () {
        console.log("Tooltip Shown");
    });

    $("#hello").on("hide.bs.tooltip", function () {
        console.log("Tooltip Hide");
    });

    $("#hello").on("hidden.bs.tooltip", function () {
        console.log("Tooltip Hidden");
    });
</script>
```

## Popovers

The screenshot shows a user interface component library with a dark background. At the top, there are three colored tabs: a blue tab on the left containing placeholder text "lorem ipsum dolor sit amet consectetur adipisicing elit toggle popover", a green tab in the center labeled "3: CSS Components ▾", and a yellow tab on the right labeled "4: Grid & Flex". Below the tabs, there are four buttons arranged in a grid-like pattern. Each button has a corresponding popover triggered by it. The first button (red, "Toggle popover") triggers a white popover at the top position, containing the same placeholder text. The second button (blue, "Toggle popover") triggers a white popover on the right side, also containing the placeholder text. The third button (blue, "Toggle popover") triggers a white popover at the bottom position, containing the placeholder text. The fourth button (teal, "Toggle popover") triggers a white popover on the left side, containing the placeholder text. Arrows from the code block below point to each of these four buttons.

```
<!-- POPOVER -->
<button
  class="btn btn-danger mr-5"
  data-toggle="popover"
  data-placement="top"
  data-
content="lorem ipsum dolor sit amet consectetur adipisicing elit toggle popover">
  Toggle popover
</button>

<button
  class="btn btn-primary mr-5"
  data-toggle="popover"
  data-placement="right"
  data-
content="lorem ipsum dolor sit amet consectetur adipisicing elit toggle popover">
  Toggle popover
</button>

<button
  class="btn btn-warning mr-5"
  data-toggle="popover"
  data-placement="bottom"
  data-
content="lorem ipsum dolor sit amet consectetur adipisicing elit toggle popover">
  Toggle popover
</button>

<button
  class="btn btn-info mr-5"
  data-toggle="popover"
  data-placement="left"
  data-
content="lorem ipsum dolor sit amet consectetur adipisicing elit toggle popover">
  Toggle popover
</button>
```

**Toggle popover**

lorem ipsum dolor sit amet consectetur  
adipisicing elit toggle popover

```
<!-- DISMISSIBLE POPOVER -->
<button
  id="hello"
  class="btn btn-primary"
  data-toggle="popover"
  data-placement="left"
  data-
content="lorem ipsum dolor sit amet consectetur adipisicing elit toggle popover"
  data-trigger="focus">
  Toggle popover
</button>
```

**Toggle popover**

lorem ipsum dolor sit amet consectetur  
adipisicing elit toggle popover

**Show Popover**

**Hide Popover**

**Toggle Popover**

```
<!-- CONTROL WITH JS -->
<button class="btn btn-secondary" onclick="showPopover()">
  Show Popover
</button>
<button class="btn btn-secondary" onclick="hidePopover()">
  Hide Popover
</button>
<button class="btn btn-secondary" onclick="togglePopover()">
  Toggle Popover
</button>    </div>
```

```
<script>
    //Init popover
    $('[data-toggle="popover"]').popover();

    function showPopover() {
        $("#hello").popover("show");
    }
    function hidePopover() {
        $("#hello").popover("Hide");
    }
    function togglePopover() {
        $("#hello").popover("toggle");
    }

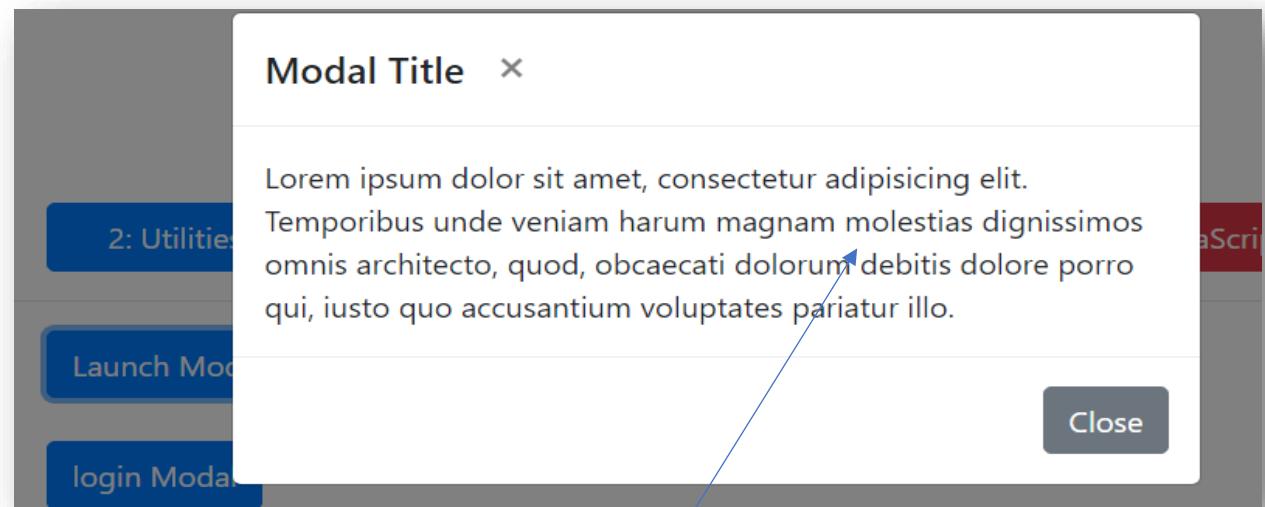
    //Popover events
    $("#hello").on("show.bs.popover", function () {
        console.log("Popover show");
    });

    $("#hello").on("shown.bs.popover", function () {
        console.log("Popover shown");
    });

    $("#hello").on("hide.bs.popover", function () {
        console.log("Popover hide");
    });

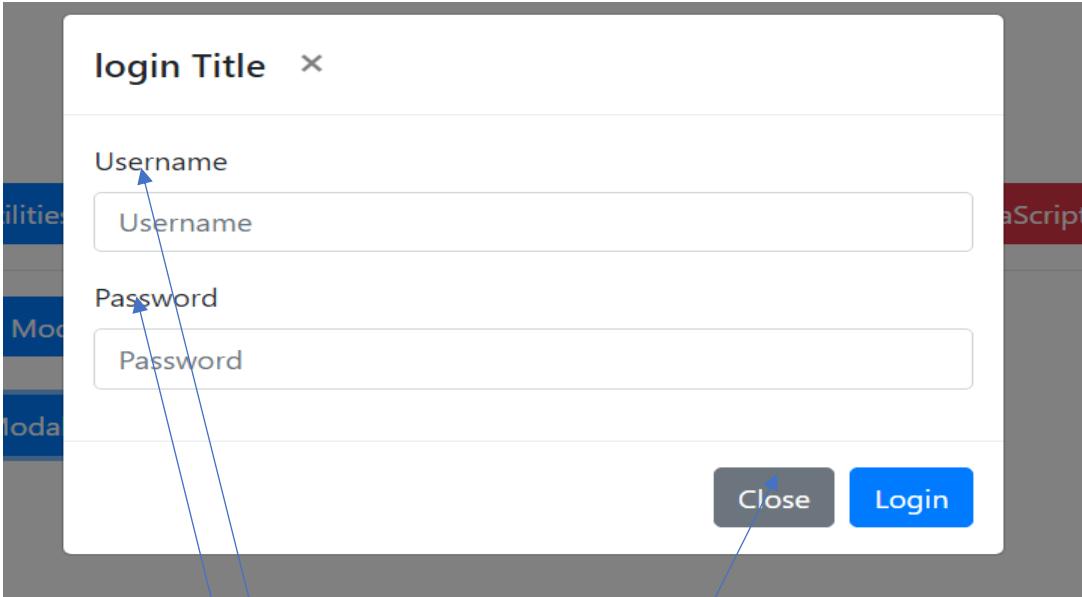
    $("#hello").on("hidden.bs.popover", function () {
        console.log("Popover hidden");
    });
</script>
```

## Modals



```
<!-- MODAL TRIGGER -->
<button class="btn btn-primary" data-toggle="modal" data-target="#myModal">Launch Modal</button>

<!-- MODAL -->
<div class="modal" id="myModal">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title">Modal Title</h5>
        <button class="close" data-dismiss="modal">&times;</button>
      </div>
      <div class="modal-body">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit. Temporibus
        unde veniam harum magnam molestias dignissimos omnis
        architecto, quod, obcaecati dolorum debitis dolore porro qui, iusto q
        uo accusantium voluptates pariatur illo.
      </div>
      <div class="modal-footer">
        <button class="btn btn-secondary" data-dismiss="modal">Close</button>
      </div>
    </div>
  </div>
</div>
```



```
<!-- LOGIN MODAL TRIGGER -->
<button class="btn btn-primary" data-toggle="modal" data-target="#loginModal">login Modal</button>

<div class="modal" id="loginModal">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title">login Title</h5>
        <button class="close" data-dismiss="modal">&times;</button>
      </div>
      <div class="modal-body">
        <form>
          <div class="form-group">
            <label for="username">Username</label>
            <input type="text" class="form-control" placeholder="Username" >
          </div>
          <div class="form-group">
            <label for="Password">Password</label>
            <input type="text" class="form-control" placeholder="Password" >
          </div>
        </form>
      </div>
      <div class="modal-footer">
        <button class="btn btn-secondary" data-toggle="modal">Close</button>
        <button class="btn btn-primary" data-toggle="modal">Login</button>
      </div>
    </div>
  </div>
</div>
```

```

        <button class="btn btn-primary" data-
toggle="modal">Login</button>
    </div>
    </div>
</div>
</div>

```

## ScrollSpy

### Navbar

Tenetur, maxime molestias sequi, vero eum voluptate quod commodi, dolorem ipsum minima ipsam quasi debitis non eos labore similique tempora! Nisi eius inventore magnam. Fuga placeat, modi, eius officiis, nostrum dolore nisi doloremque tenetur repellat sit nesciunt iusto earum corrupti ipsam optio eveniet. Quibusdam, ipsum. Maiores praesentium quasi quibusdam temporibus nostrum, est culpa nisi similique doloremque atque. Quaerat quidem tempora magni culpa quas explicabo natus vitae dignissimos, temporibus debitis at perspicatis doloremque quibusdam eos ratione architecto sit nihil recusandae. Ex, eveniet cum. At autem, soluta sunt praesentium nulla molestiae labore iure officiis? Voluptas assumenda ab odio harum, doloribus delectus ad a adipisci nulla exercitationem alias provident iure minus magni rem earum eaque laudantium? Assumenda, est culpa? Quibusdam, recusandae voluptatum quaerat modi, illum dolore, unde ea eius harum nostrum nesciunt quos quis! Dolorum ullam accusantium est, neque ducimus dolorem unde laborum provident, odit eaque porro voluptate! Culpia, qui, sequi at tempore nemo tempora odio rerum nostrum alias optio repellat similique facere et, voluptates necessitatibus laudantium id quam placeat! Repellendus at maxime sit ut, quos quod ab sint vel ipsam eos mollitia similique fugit asperiores quas, labore sequi velit quidem consectetur, nisi itaque quis laudantium. Dicta, placeat totam accusantium sapiente quos recusandae consectetur doloribus asperiores eius deserunt dolor, reprehenderit quia saepe commodi eveniet possimus animi voluptate accusamus fugiat necessitatibus quae? Deserunt corrupti pariatur repellendus perferendis minus consequuntur nemo, facilis optio possimus culpa doloribus atque molestiae, ab expedita magni aliquam vero maxime dolore voluptatem eum omnis. Reprehenderit fugiat deserunt velit aliquid reiciendis magni possimus illum amet optio aut eum ea sapiente similiique ad iure dolorum ut, quidem cum architecto.

### About

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Quam nesciunt nemo iure at, ab

Welcome About Services

```

<nav class="navbar fixed-top navbar-expand-sm navbar-light bg-light mb-
3" id="main-nav">
    <div class="container">
        <a class="navbar-brand" href="#">Navbar</a>
        <ul class="navbar-nav">
            <li class="nav-item">
                <a class="nav-link" href="#welcome">Welcome</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="#about">About</a>
            
```

```
</li>
<li class="nav-item">
    <a class="nav-link" href="#services">Services</a>
</li class="nav-item">
</ul>
</div>
</nav>

<section id="welcome">
    <h3>Welcome</h3>
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Odit, reiciendi s ullam sit libero recusandae obcaecati modi, iusto facere, distinctio corporis in officiis quidem vel veniam eum fugit quibusdam. Repellat quod explicabo repudiandae, tenetur hic fugiat nostrum aperiam corrupti necessitatibus nulla! Nemo aperiam officiis velit nihil maiores provident animi veniam error deserunt explicabo nobis et optio, labore commodi repudiandae soluta ratione numquam porro architecto vel magnam libero quod aliquid? Incidunt nesciunt praesentium rem voluptibus magni sed nihil minima nulla libero impedit dolores velit, esse labore quasi! Tenetur atque autem natus nulla nisi nihil quisquam mollitia voluptas est dolores aspernatur necessitatibus nesciunt cumque illo ratione, quam magnam. Eum dolorem saepe alias provident deserunt doloribus iusto laudantium natus illo sint, nam, amet exercitationem architecto asperiores ea quis quos, id accusamus in! Sapiente mollitia quae incident laboriosam animi. Tenetur, maxime molestias sequi, vero eum voluptate quod commodi, dolorem ipsum minima ipsam quasi debit is non eos labore simili que tempora ! Nisi eius inventore magnam. Fuga placeat, modi, eius officiis, nostrum dolore nisi doloremque tenetur repellat sit nesciunt iusto earum corrupti ipsam optio eveniet. Quibusdam, ipsum. Maiores praesentium quasi quibusdam temporibus nostrum, est culpa nisi simili que doloremque atque. Quaerat quidem tempora magni culpa quas explicabo natus vitae dignissimos, temporibus debit is at perspiciatis doloremque quibusdam eos ratione architecto sit nihil recusandae. Ex, eveniet cum. At autem, soluta sunt praesentium nulla molestiae labore iure officiis? Voluptas assumenda ab odio harum, doloribus delectus ad a adipisci nulla exercitationem alias provident iure minus magni rem earum eaque laudantium? Assumenda, est culpa? Quibusdam, recusandae voluptatum quaerat modi, illum dolore, unde ea eius harum nostrum nesciunt quos quis ! Dolorum ullam accusantium est, neque ducimus
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</section>

<section id="about">  
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</section>

<section id="services">

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a cum! Nemo id expedita odit facilis tenetur.
        Enim veritatis officiis soluta aliquam omnis!</p>
</section>

</div>
```

## TO Add smooth scrolling

```

<script>
    $('body').scrollspy({target: '#main-nav'});

    //Add smooth scrolling
    $('#main-nav a').on('click', function(e){
        //Check for hasg value
        if(this.hash !== ''){
            //prevent default behaviour
            e.preventDefault();
            //Store hash
            const hash = this.hash;
            //Animated smooth scrolling
            $('html, body').animate ({scrollTop: $(hash).offset().top
            },900, function (){
                //Add hash to URL after scroll
                window.location.hash = hash;
            });
        }
    });
}
```