

1) Navs:`<ul>/<ol> => class = "nav"``<li> => class = "nav-item"``<a> => class = "nav-link"`disabled link class = "disabled"Alignment`<ul> => class = "justify-content-center"`  
= "justify-content-end"Vertical navigation`<ul> => class = "flex-column"`=> Tabs:`<ul> class = "nav nav-tabs"`=> Pills:`<ul> class = "nav nav-pills"`

} =&gt; active must be defined.

=> Dynamic or Toggleable tab/Pill`<ul> => class = "nav nav-tabs" / nav-pills``<a> => data-bs-toggle = "tab" -> attribute`  
`=> href = "#id" "Pill"`outer `<div> => class = "tab-content"`Inner `<div> => id = "id" class = "container tab-pane"`

⇒ Dropdown tabs/pills

Outer `<ul>` ⇒ class = "nav nav-tabs" / nav-pills

`<li>` ⇒ class = "nav-item dropdown"

`<a>` ⇒ class = "nav-link dropdown-toggle"  
data-bs-toggle = "dropdown"  
href = "#"

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

`<li>` —

`<a>` ⇒ class = "dropdown-item"

## 2) Navbar

`<ul>` ⇒ class = "navbar-nav"

`<li>` ⇒ class = "nav-item"

`<a>` ⇒ class = "nav-link"

`<nav>` ⇒ class = "navbar navbar-expand-sm" lg/md, xl

### Vertical navbar

`<nav>` ⇒ class = "navbar"

↳ remove navbar-expand-\*

### Brand/logo

`<a>` ⇒ class = "navbar-brand"

`<img>` ⇒ class = "rounded-pill"

## ⇒ Collapsible navbar



<button> ⇒ class = "navbar-toggler"  
data-bs-toggle = "collapse"  
data-bs-target = "#id"

<span> ⇒ class = "navbar-toggler-icon"

<div> ⇒ class = "collapse navbar-collapse"  
id = " — " ←

## ⇒ navbar with Dropdown

<li> ⇒ class = "nav-item dropdown"

<a> ⇒ class = "nav-link dropdown-toggle"  
data-bs-toggle = "dropdown"

nested <ul> ⇒ class = "dropdown-menu"

<li> —

<a> ⇒ class = "dropdown-item"

## 3) Carousel

Outer <div> ⇒ class = "carousel slide"  
data-bs-ride = "carousel"  
id = " — "

Inner <div> ⇒ class = "carousel-indicators"

<button> ⇒ data-bs-target = "#id"  
data-bs-slide-to = "0"

1, 2, 3, 4...

Inner <div> ⇒ class = "carousel-inner"

↳ <div> ⇒ class = "carousel-item"

↳ <img> .....

<button> ⇒ class = "carousel-control-prev" / "next"

<span> ⇒ class = "carousel-control-prev-icon"

data-bs-slide = "prev" / "next"

data-bs-target = "#id" ←

## 4) Modal

`<button> => data-bs-toggle = "modal"`  
`data-bs-target = "#id"`  
 outer `<div> => class = "modal"`  
`id = " _ "`  
 inner `<div> => class = "modal-dialog"`  
`inner <div> => class = "modal-content"`  
`inner <div> => class = "modal-header"`  
`<button> => class = "close"`  
`data-bs-dismiss = "modal"`  
`inner <div> => class = "modal-body"`  
`inner <div> => class = "modal-footer"`  
`<button> => class = "btn ..."`  
`=> data-bs-dismiss = "modal"`

For animation effect:

outer `<div> => class = "modal fade"`

Modal size:

`<div> => class = "modal-dialog modal-sm"`  
`lg/xl`  
`fullscreen`

Modal align:

`<div> => class = "modal-dialog modal-dialog-centered"`

## 5) Scrollspy

```

<body> => data-bs-spy="scroll"
|
<nav> => class="navbar navbar-expand-sm bg-dark
          navbar-dark fixed-top"
|
<div> => class="container-fluid"
|
<ul> => class="navbar-nav"
|
<li> => class="nav-item"
|
<a> => class="nav-link
      href="#demo1"
|
<div> => class="container-fluid"
          id="demo1"
  
```

like #demo2 #demo3

/demo2 /demo3

like multiple <div>

## 6) Flexbox

```

<div> => class="d-flex" => full width
=> class="d-inline-flex" => width according
to content.
=> class="d-flex flex-row" => By row
=> class="d-flex flex-row-reverse" => row reverse
=> class="d-flex flex-column" => vertical align
=> class="d-flex flex-column-reverse" => vertical
in reverse order
  
```

### justify classes

```

<div> => class="d-flex justify-content-start"
          -end"
          -center"
          -between"
          -around"
  
```

### equal width

outer <div> => class="d-flex"

inner <div> => class="flex-fill" ... likewise multiple <div>



\* one item for rest of the page

=> `<div>` => `class = "d-flex"`

inner `<div>` => `class = "flex-grow-1"`

\* Wrapping of text

`<div>` => `class = "d-flex nowrap"` => default  
= "d-flex flex-wrap"  
= "d-flex flex-wrap-reverse"

\* Responsive flex classes

`col-sm / md / lg / xl / xxl` in all classes.

## 7) Bootstrap Forms

Stacked Form => `class = "form-label"` => in almost label  
=> `class = "form-control"` => in all `<input>` element

outer `<div>` => `class = "form-check"`

`<label>` => `class = "form-check-label"`

`<input type="radio">`  
`"checkbox">` => `class = "form-check-input"`

`<select>` => `class = "form-select"`

`<textarea>` => `class = "form-control"`

Inline Form

outer `<div>` => `class = "row"`

inner `<div>` => `class = "col"` . . . . .

Toggle switch

`<div>` => `class = "form-check form-switch"`

`<input>` => `class = "form-check-input"`

`<label>` => `class = "form-check-label"`

## 8) Form Validation

<form> => class = "was-validated" => validate before clicking

class = "needs-validation" => validate after clicking

Required => attribute in all <form> control tag like <input>, <textarea>

<div> => class = "valid-feedback"

=> class = "invalid-feedback"

} after every form controls feed valid & invalid message

## 9) Grid System

### 6 class

outer <div> => class = "row"

inner <div> => class = "col"

col	<576px
col-sm	>576px
col-md	>768px
col-lg	>992px
col-xl	>1200px
col-xxl	>1400px

Class = "col - ~~x~~ - ~~x~~"  
 ↓  
 Size (xs, sm, md, lg, xl, xxl)  
 Width Count. upto 12 support

## 10) Utilities

margin => class = "m-5"

Padding => class = "p-5"

} upto -5 support

mt, mr, mb, ml, mx, my, mw  
 pt, pr, pb, pl, px, py

max width

Width => class = "w-25" -> w-25, w-50, w-75, w-100

border => class = "border border-1 border-success"

float => class = "float-start" -> left align

= "float-end" -> right align

= "max-auto" -> center align