**This Tag is necessary for Bootstrap**

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1">

**This is CDN File**

<!-- Latest compiled and minified CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

<!-- jQuery library -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<!-- Latest compiled JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>

**The container tag**

There are two options for using the container element.

The first one is for creating a web page responsive with a fixed-width container

**<div class=”container”> …. </div>**

The Second is full-width container

**<div class=”container-fluid”> …. </div>**

**The grid system**

.col-\*-\*(The first asterisk means the viewport for the column, and the other one means the size of the column.)

**<header class=”col-md-12”>** (md means medium)

**Grid Classes**

xs (for phones - screens less than 768px wide)

sm (for tablets - screens equal to or greater than 768px wide)

md (for small laptops - screens equal to or greater than 992px wide)

lg (for laptops and desktops - screens equal to or greater than 1200px wide)

**Basic Structure**

<div class="col-\*-\*"></div>

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

**Typography**

<h1> - <h1>

<h2> - <h2>

<h3> - <h3>

<h4> - <h4>

<h5> - <h5>

<h6> - <h6>

<small></small>

<mark></mark>

<abbr></abbr>

**Contextual Colors**

.text-muted

.text-primary

.text-success

.text-info

.text-warning

.text-danger

**Contextual Backgrounds**

.bg-primary

.bg-success

.bg-info

.bg-warning

.bg-danger

**Table**

<table class = "table">

<table class = "table table-striped">

<table class = "table table-bordered">

<table class = "table table-hover">

**use Contextual classes**(.active/.success/.warning/.danger)

eg: <tr class = "active">

**Responsive Tables**

eg: <div class = "table-responsive">

<table class = "table"></table></div>

Form Layout

Vertical (default) form

In-line form

Horizontal form

basic form structure

Add a role form to the parent <form> element.

Wrap labels and controls in a <div> with class .form-group. This is needed for optimum spacing.

Add a class of .form-control to all textual <input>, <textarea>, and <select> elements.

Eg: <form role = "form">

<div class = "form-group">

<label for = "name">Name</label>

<input type = "text" class = "form-control" id = "name" placeholder = "Enter Name">

</div>

<form>

Inline Form

<form class = "form-inline" role = "form">

<div class = "form-group">

<label class = "sr-only" for = "name">Name</label>

<input type = "text" class = "form-control" id = "name" placeholder = "Enter Name">

</div>

</form>

Horizontal Form

<form class = "form-horizontal" role = "form">

<div class = "form-group">

<label for = "firstname" class = "col-sm-2 control-label">First Name</label>

<div class = "col-sm-10">

<input type = "text" class = "form-control" id = "firstname" placeholder = "Enter First Name">

</div>

</div>

</form>

**Buttons**

btn Default.

btn-primary Identifies the primary action.

btn-success Indicates a successful or positive action.

btn-info Informational alert messages.

btn-warning Indicates caution should be taken with this action.

btn-danger Indicates a dangerous or potentially negative action.

btn-link Making it look like a link.

**Basic Button Group** allow multiple buttons to be stacked together on a single line

<div class = "btn-group">

<button type = "button" class = "btn btn-default">Button 1</button>

<button type = "button" class = "btn btn-default">Button 2</button>

<button type = "button" class = "btn btn-default">Button 3</button>

</div>

**Button Toolbar**

<div class = "btn-toolbar" role = "toolbar">

<div class = "btn-group">

<button type = "button" class = "btn btn-default">Button 1</button>

<button type = "button" class = "btn btn-default">Button 2</button>

<button type = "button" class = "btn btn-default">Button 3</button>

</div>

<div class = "btn-group">

<button type = "button" class = "btn btn-default">Button 4</button>

<button type = "button" class = "btn btn-default">Button 5</button>

<button type = "button" class = "btn btn-default">Button 6</button>

</div>

<div class = "btn-group">

<button type = "button" class = "btn btn-default">Button 7</button>

<button type = "button" class = "btn btn-default">Button 8</button>

<button type = "button" class = "btn btn-default">Button 9</button>

</div>

</div>

**Button Size**

Syn : .btn-group-\*

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

<button type = "button" class = "btn btn-default">Button 1</button>

<button type = "button" class = "btn btn-default">Button 2</button>

<button type = "button" class = "btn btn-default">Button 3</button>

</div>

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

<button type = "button" class = "btn btn-default">Button 4</button>

<button type = "button" class = "btn btn-default">Button 5</button>

<button type = "button" class = "btn btn-default">Button 6</button>

</div>

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

<button type = "button" class = "btn btn-default">Button 7</button>

<button type = "button" class = "btn btn-default">Button 8</button>

<button type = "button" class = "btn btn-default">Button 9</button>

</div>

**Nesting**

<div class = "btn-group">

<button type = "button" class = "btn btn-default">Button 1</button>

<button type = "button" class = "btn btn-default">Button 2</button>

<div class = "btn-group">

<button type = "button" class = "btn btn-default dropdown-toggle" data-toggle = "dropdown">

Dropdown

<span class = "caret"></span>

</button>

<ul class = "dropdown-menu">

<li><a href = "#">Dropdown link 1</a></li>

<li><a href = "#">Dropdown link 2</a></li>

</ul>

</div>

</div>

**Vertical Buttongroup**

Syn :- .btn-group-vertical

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

<button type = "button" class = "btn btn-default">Button 1</button>

<button type = "button" class = "btn btn-default">Button 2</button>

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

<button type = "button" class = "btn btn-default dropdown-toggle" data-toggle = "dropdown">

Dropdown

<span class = "caret"></span>

</button>

<ul class = "dropdown-menu">

<li><a href = "#">Dropdown link 1</a></li>

<li><a href = "#">Dropdown link 2</a></li>

</ul>

</div>

</div>

**Image**

.img-rounded − adds border-radius:6px to give the image rounded corners.

.img-circle − makes the entire image round by adding border-radius:500px.

.img-thumbnail − adds a bit of padding and a gray border.

**Dropdown**

<div class = "dropdown">

<button type = "button" class = "btn dropdown-toggle" id = "dropdownMenu1" data-toggle = "dropdown">

Topics

<span class = "caret"></span>

</button>

<ul class = "dropdown-menu" role = "menu" aria-labelledby = "dropdownMenu1">

<li role = "presentation">

<a role = "menuitem" tabindex = "-1" href = "#">Java</a>

</li>

<li role = "presentation">

<a role = "menuitem" tabindex = "-1" href = "#">Data Mining</a>

</li>

<li role = "presentation">

<a role = "menuitem" tabindex = "-1" href = "#">

Data Communication/Networking

</a>

</li>

<li role = "presentation" class = "divider"></li>

<li role = "presentation">

<a role = "menuitem" tabindex = "-1" href = "#">Separated link</a>

</li>

</ul>

</div>

create a tabbed navigation menu

* base class of **.nav**
* Add class **.nav-tabs**.

<ul class = "nav nav-tabs">

<li class = "active"><a href = "#">Home</a></li>

<li><a href = "#">SVN</a></li>

<li><a href = "#">iOS</a></li>

<li><a href = "#">VB.Net</a></li>

<li><a href = "#">Java</a></li>

<li><a href = "#">PHP</a></li>

</ul>

**Pills Navigation**

use the class .nav-pills instead of .nav-tabs.

<ul class = "nav nav-pills">

<li class = "active"><a href = "#">Home</a></li>

<li><a href = "#">SVN</a></li>

<li><a href = "#">iOS</a></li>

<li><a href = "#">VB.Net</a></li>

<li><a href = "#">Java</a></li>

<li><a href = "#">PHP</a></li>

</ul>

Vertical Pills

using the class .nav-stacked along with the classes − .nav, .nav-pills.

<ul class = "nav nav-pills nav-stacked">

<li class = "active"><a href = "#">Home</a></li>

<li><a href = "#">SVN</a></li>

<li><a href = "#">iOS</a></li>

<li><a href = "#">VB.Net</a></li>

<li><a href = "#">Java</a></li>

<li><a href = "#">PHP</a></li>

</ul>

**Justified Nav**

screens wider than 768px using class .nav-justified along with .nav, .nav-tabs or .nav, .nav-pills respectively

<ul class = "nav nav-pills nav-justified">

<li class = "active"><a href = "#">Home</a></li>

<li><a href = "#">SVN</a></li>

<li><a href = "#">iOS</a></li>

<li><a href = "#">VB.Net</a></li>

<li><a href = "#">Java</a></li>

<li><a href = "#">PHP</a></li>

</ul>

<br>

<br>

<br>

<ul class = "nav nav-tabs nav-justified">

<li class = "active"><a href = "#">Home</a></li>

<li><a href = "#">SVN</a></li>

<li><a href = "#">iOS</a></li>

<li><a href = "#">VB.Net</a></li>

<li><a href = "#">Java</a></li>

<li><a href = "#">PHP</a></li>

</ul>

**Disabled Links**

.nav classes, if you add the .disabled class, it will create a gray link that also disables the :hover state

<ul class = "nav nav-pills">

<li class = "active"><a href = "#">Home</a></li>

<li><a href = "#">SVN</a></li>

<li class = "disabled"><a href = "#">iOS(disabled link)</a></li>

<li><a href = "#">VB.Net</a></li>

<li><a href = "#">Java</a></li>

<li><a href = "#">PHP</a></li>

</ul>

<br>

<br>

<ul class = "nav nav-tabs">

<li class = "active"><a href = "#">Home</a></li>

<li><a href = "#">SVN</a></li>

<li><a href = "#">iOS</a></li>

<li class = "disabled"><a href = "#">VB.Net(disabled link)</a></li>

<li><a href = "#">Java</a></li>

<li><a href = "#">PHP</a></li>

</ul>

**Tabs with Dropdowns**

To add dropdowns to tab −

Start with a basic unordered list with the base class of .nav

Add the class .nav-tabs.

Now add an unordered list with a .dropdown-menu class.

<ul class = "nav nav-tabs">

<li class = "active"><a href = "#">Home</a></li>

<li><a href = "#">SVN</a></li>

<li><a href = "#">iOS</a></li>

<li><a href = "#">VB.Net</a></li>

<li class = "dropdown">

<a class = "dropdown-toggle" data-toggle = "dropdown" href = "#">

Java

<span class = "caret"></span>

</a> <ul class = "dropdown-menu">

<li><a href = "#">Swing</a></li>

<li><a href = "#">jMeter</a></li>

<li><a href = "#">EJB</a></li>

<li class = "divider"></li>

<li><a href = "#">Separated link</a></li>

</ul>

</li>

<li><a href = "#">PHP</a></li>

</ul>

## Default Navbar

Add the classes .navbar, .navbar-default to the <nav> tag.

Add role = "navigation" to the above element, to help with accessibility.

Add a header class .navbar-header to the <div> element. Include an <a> element with class navbar-brand. This will give the text a slightly larger size.

To add links to the navbar, simply add an unordered list with the classes of .nav, .navbar-nav.

<nav class = "navbar navbar-default" role = "navigation">

<div class = "navbar-header">

<a class = "navbar-brand" href = "#">TutorialsPoint</a>

</div>

<div>

<ul class = "nav navbar-nav">

<li class = "active"><a href = "#">iOS</a></li>

<li><a href = "#">SVN</a></li>

<li class = "dropdown">

<a href = "#" class = "dropdown-toggle" data-toggle = "dropdown">

Java

<b class = "caret"></b>

</a>

<ul class = "dropdown-menu">

<li><a href = "#">jmeter</a></li>

<li><a href = "#">EJB</a></li>

<li><a href = "#">Jasper Report</a></li>

<li class = "divider"></li>

<li><a href = "#">Separated link</a></li>

<li class = "divider"></li>

<li><a href = "#">One more separated link</a></li>

</ul>

</li>

</ul>

</div>

</nav>

## Responsive Navbar

the content that you want to be collapsed needs to be wrapped in a <div> with classes .collapse, .navbar-collapse. The collapsing nature is tripped by a button that has the class of .navbar-toggle and then features two data- elements. The first, data-toggle, is used to tell the JavaScript what to do with the button, and the second, data-target, indicates which element to toggle. Then with a class .icon-bar create what we like to call the hamburger button. This will toggle the elements that are in the .nav-collapse <div>.