hoverBackgroundColor : The bar background color when hovered.

hoverBorderColor : The bar border color when hovered.

hoverBorderWidth :The bar border width when hovered (in pixels).

hoverBorderRadius : The bar border radius when hovered (in pixels).

barThickness: If this value is a number, it is applied to the width of each bar in pixel.

barPercentage : Percent (0-1)

for horizontal bar : options: {

indexAxis: 'y',

}

Bootstarp 5:

It is an open-source front-end framework used for developing a responsive and mobile friendly website.

**class="container"** provides a responsive fixed width container. By default, containers have left and right padding, with no top or bottom padding.

**class="container-fluid"** provides a full width container.

Background color: class=”bg-primary”

Button:

Button: class=”btn btn-primary”

Button Size: class=”btn btn -primary btn-lg”

Outlined Button: class=”btn btn-outline-primary”

Block Level Buttons: class="d-grid" on parent element & class=" btn-block".

class="d-grid gap-3”: add space between block level buttons.

disabled : attribute makes a button unclickable.

<div class="btn-group-vertical"> :vertical button group.

Text Style:

Text color: class=”text-primary”

Text position: class="text-center|start|end”

Remove underline: class="text-decoration-none

class="text-capitalize|lowercase|uppercase"

List:

class="list-unstyled" : Removes the default list-style and left margin on list items.

class="list-inline-item" places all list items on a single line.

Table:

<table class="table"> :light padding and horizontal dividers to a table.

class="table-striped" : adds zebra-stripes to a table.

class="table-bordered” : adds borders on all sides of the table and cells.

class="table-hover” : adds a hover effect (grey background color) on table rows.

class="table-dark” : adds a black background to the table.

class="table-borderless” :removes borders from the table:

<thead class="table-dark">: Add background color to table header.

class=”table-sm” : makes the table smaller by cutting cell padding in half.

<div class="table-responsive">: adds a scrollbar to the table when needed.

.table-responsive-sm < 576px get scrollbar when screen width <576.

.table-responsive-md < 768px

.table-responsive-lg < 992px

.table-responsive-xl < 1200px

.table-responsive-xxl < 1400px

Images:

class="rounded" : adds rounded corners to an image.

class="rounded-circle" : shapes the image to a circle.

class="img-thumbnail" bordered image.

class="float-start|end" Float an image to the left|right.

class="mx-auto d-block" : Centered Image .mx-auto (margin:auto) and .d-block (display:block).

class="img-fluid" : scale image nicely to the parent element. i.e. responsive image

List:

To create a basic list group, use an <ul> element with class .**list-group**, and <li> elements with class .**list-group-item**.

.**list-group-flush** class to remove some borders and rounded corners.

**list-group-numbered** class to create list items with numbers.

.**list-group-horizontal** to display list items horizontally.

Card:

A basic card is created with the .**card** class, and content inside the card has a .**card-body** class.

<div class="card">

<div class="card-body">Basic card</div>

</div>

class="card-header" : add Header

class="card-footer " : add footer

.**card-title** to add card titles. The .**card-text** class is used to remove bottom margins for a <p> element. The .**card-link** class adds a blue color to any link, and a hover effect.

Add .**card-img-top** or .**card-img-bottom** to an **<img>** to place the image at the top or at the bottom inside the card.

Nav:

If you want to create a simple horizontal menu, add the .**nav** class to a <ul> element, followed by .**nav-item** for each <li> and add the .**nav-link** class to their links.

justify-content-center|start|end : center|left|right the nav.

flex-column : vertical nav.

nav-tabs : Turn the nav menu into navigation tabs.

Pagination:

To create a basic pagination, add the **.pagination** class to an <ul> element. Then add the **.page-item** to each <li> element and a .**page-link** class to each link inside <li>.

Add class .**pagination-lg** for larger blocks or .**pagination**-**sm** for smaller blocks.

Form:

.form-label : to each label element to ensure correct padding.

.form-control : All textual <input> and <textarea> elements with class get proper form styling.

Example: <textarea class="form-control" rows="5"></textarea>

If you want your form elements to appear side by side, use .row and .col.

Select box:

<select class="form-select">

<option>1</option>

</select>

Checkbox & Radio:

To style checkboxes, use a wrapper element with **class="form-check"** to ensure proper margins for labels and checkboxes.

Then, add the .**form-check-label** class to label elements, and **.form-check-input** to style checkboxes properly inside the .form-check container.

Toggle Switches: use the **.form-switch class together with the .form-check** container.

Custom Range:

To style a range menu, add the .**form-range** class to the input element with **type="range".**

By default, the interval between the range numbers is 1. You can change it by using the **step** attribute.

By default, the minimum value is 0 and maximum value is 100. You can use the **min/max** attribute.

class="form-floating : Floating Labels

The <label> elements must come after the <input> element, and the placeholder attribute is required for each <input> element.

GRID:

equal width columns: class=”col-sm”