**Classes’ Component**

**1text-centetr**

**The Bootstrap class text-center is a utility class that can be used to center text on all viewport sizes. It can be used on any element, but it is most commonly used on paragraphs, headings, and other block elements.**

**To use the text-center class, simply add it to the element you want to center. For example, to center a paragraph, you would use the following HTML:**

<div class="container-fluid">

    <div class="row">

        <div class="col-12">

           <h1 class="bg-success text-white text-center">Hare Krishna</h1>

        </div>

    </div>

 </div>

* **text-center: Center text on all viewport sizes.**
* **text-sm-center: Center text on small screens (SM) or wider.**
* **text-md-center: Center text on medium screens (MD) or wider.**
* **text-lg-center: Center text on large screens (LG) or wider.**
* **text-xl-center: Center text on extra-large screens (XL) or wider.**
* **text-xxl-center: Center text on extra extra-large screens (XXL) or wider.**

**2 img-fluid : image Responsive**

the img-fluid class in Bootstrap is used to make images responsive. It does this by setting the max-width of the image to 100% and the height to auto. This means that the image will scale with the size of its parent container, without overflowing or getting distorted.

**In easy words, the** img-fluid **class makes sure that images look good on all devices, regardless of screen size.**

<div class="container-fluid">

    <div class="row">

        <div class="col-12">

         <img src="Spices-List.jpg" class="img-fluid" alt="">

        </div>

    </div>

 </div>

**3 rounded**

The Bootstrap rounded class is used to round the corners of elements. It can be used on any element, but it is most commonly used on images, buttons, and other block elements.

The rounded class has the following possible values:

* rounded: Round all corners of the element.
* rounded-top: Round the top corners of the element.
* rounded-bottom: Round the bottom corners of the element.
* rounded-start: Round the left corner of the element (in LTR languages) or the right corner of the element (in RTL languages).
* rounded-end: Round the right corner of the element (in LTR languages) or the left corner of the element (in RTL languages).
* rounded-circle: Make the element a circle.
* rounded-pill: Make the element a rounded capsule.

 <div class="container-fluid">

        <div class="row">

            <div class="col-12">

                 <h1 class="bg-danger rounded">Hare Krishn</h1>

            </div>

        </div>

    </div>

**Bootstrap Margin-Padding**

**Bootstrap provides a variety of margin and padding classes that can be used to easily control the spacing of elements on your page. These classes are responsive, meaning that they will automatically adjust to the size of the screen, so you don't have to worry about manually adjusting your layout for different devices.**

**Bootstrap uses a notation system to name its margin and padding classes. This notation system makes it easy to understand what each class does and how to use it.**

**The notation system is based on the following abbreviations:**

Bootstrap's margin and padding classes use the following notation system:

* m - for classes that set margin
* p - for classes that set padding
* sides - one of the following:
  + t - for classes that set margin-top or padding-top
  + b - for classes that set margin-bottom or padding-bottom
  + s - for classes that set margin-left or padding-left in LTR, margin-right or padding-right in RTL
  + e - for classes that set margin-right or padding-right in LTR, margin-left or padding-left in RTL
  + x - for classes that set both \*-left and \*-right
  + y - for classes that set both \*-top and \*-bottom

<div class="container-fluid">

        <div class="row">

          <div class="col-12">

            <h1 class="bg-danger rounded mt-5">Hare Krishn</h1>

          </div>

        </div>

      </div>

**Note :**   
**Bootstrap's margin and padding classes range from m-0 to m-5 and p-0 to p-5. These classes can be used to apply a margin or padding of 0px to 50px to an element.**

**Bootstrap Table**

Bootstrap CSS framework that provides a robust and feature-rich table component. It enhances the basic HTML table element with a wide range of features, making it a versatile tool for displaying and managing data in web applications.

Bootstrap Table classes are special codes that you can add to your HTML code to make your tables look and function better. They are like special instructions that tell your web browser how to display your tables.

 <div class="container-fluid">

        <div class="row">

        <div class="col-12">

            <table class="table">

                <thead>

                  <tr>

                    <th scope="col">#</th>

                    <th scope="col">First</th>

                    <th scope="col">Last</th>

                    <th scope="col">Handle</th>

                  </tr>

                </thead>

                <tbody>

                  <tr>

                    <th scope="row">1</th>

                    <td>Mark</td>

                    <td>Otto</td>

                    <td>@mdo</td>

                  </tr>

                  <tr>

                    <th scope="row">2</th>

                    <td>Jacob</td>

                    <td>Thornton</td>

                    <td>@fat</td>

                  </tr>

                  <tr>

                    <th scope="row">3</th>

                    <td colspan="2">Larry the Bird</td>

                    <td>@twitter</td>

                  </tr>

                </tbody>

              </table>

        </div>

          </div>

        </div>

      </div>