**Notes**

1. **Using a Container class:**

* We use the container class to keep content within a fixed width on the screen, determined by the size of the screen. The alternative is to use the container-fluid class to make the content automatically to span the full width of the screen. Add the container class to the top most div in the file as follows.

1. **Creating a Jumbotron**

* Let us add the class jumbotron to the header class as shown below. This turns the header element into a Bootstrap component named Jumbotron*. A jumbotron is used to showcase key content on a website. In this case we are using it to highlight the name of the restaurant.*

**Bootstrap Grid Details**

* There are 4 kinds of classes which help for responsive display.

1. XS-Extra Small : For mobile
2. SM-Small : Tablet
3. MD-medium : Laptops
4. LG-Large : Larger Desktop

Those four classes help us to define how many columns it will cover

For Example:

**class="col-xs-12 col-sm-3"**

This will define that for small screen it will cover 12 columns and for small screen it will cover 3 columns.

* All screen’s row has 12 columns. We have to define it under row div class.
* Gutter width is the space between two adjacent columns. It will be 30px. 15px on each side.
* Push and pull helps to shift some columns.

**<div class="col-xs-12 col-sm-3 col-sm-push-9"> ... </div>**

**<div class="col-xs-12 col-sm-9 col-sm-pull-3"> ... </div>**

This is telling that for **small screen(sm),** it will shift 9 position rights for the first div and 3columns pull of second div segment. We can easily understand that those two divs occupy one row in small screen and first div contains 9 columns of that row and 2nd div contains rest 3 columns of that row.

* Designed to be:

– Responsive

– Mobile first

– Fluid

* Viewport
  + The viewport meta tag:

– Ensures that the screen width is set to the device width and the content is rendered with this width in mind

– Designing the websites to be responsive to the size of the viewport

<meta name="viewport" content="width=device-width,

iniBal-scale=1">

* Nested columns always surrounded by ‘row’
* Offset helps to shift div segment.