>>> HOW TO ACHIEVE DIFFERENT LAYOUTS IN DIFFERENT
RESPONSIVE BREAKPOINTS?

    By using class name prefixes

extra small devices   col-
small devices   col-sm-
medium devices   col-md-
large devices   col-lg-
extra large devices   col-xl-

If we define the behaviour of the Bootstrap Grid Column
in a particular device, similar behaviour is guaranteed
in all devices with larger sizes.

>>> Class names in combination:

        We can use a combination of different Bootstrap
class names for each Bootstrap Grid   Column.

```
    <div class="container">
      <div class="row">
        <div class="col-12 col-lg-6">
          <h1 class="heading">Taj Mahal</h1>
          <p>The Taj Mahal is on the southern bank of
the river Yamuna.</p>
        </div>
        <div class="col-12 col-lg-6">
          <h1 class="heading">Mysore Palace</h1>
          <p>
            The Mysore Palace is a historical palace and
the royal residence at
            Mysore.
          </p>
        </div>
        <div class="col-12 col-lg-6">
          <h1 class="heading">Golden Temple</h1>
          <p>The Golden Temple is a gurdwara located in
```

the city of Amritsar.</p>
        </div>
        <div class="col-12 col-lg-6">
          <h1 class="heading">Varanasi</h1>
          <p>Varanasi is also known as Benares or Kashi.
It is a city located on the bank   of the
river Ganges in Uttar Pradesh.</p>
        </div>
      </div>
    </div>

Bootstrap follows Mobile First Approach.

First, design the Layout of a mobile version, and this
will be adopted by devices with larger sizes.

>>> To get space only on one particular side, we use
Margin Variants.

        margin-top
        margin-right
        margin-bottom
        margin-left

>>> Bootstrap Spacing Utilities:

        margin   m-*
        margin-top   mt-*
        margin-right   mr-*
        margin-bottom   mb-*
        margin-left   ml-*

The asterisk (*) symbol can be any number in the range
of 0 to 5. For example, m-5, mr-2, mb-3, etc.

Margin Values :

        Size   Value

```
        0                    0
        1                    0.25 * spacer
        2                    0.5 * spacer
        3                    1 * spacer
        4                    1.5 * spacer
        5                    3 * spacer
```

The spacer is a variable and has a value of 16 pixels by default.

For example, mb-3 = 1 * 16px = 16px
                  m-5 = 3 * 16px = 48px

Avoid using CSS "margin-left" and "margin-right" properties for Bootstrap Grid Columns. It disturbs the Bootstrap Grid System and gives unexpected results.

>> Padding :

```
        CSS Padding property     Bootstrap class name
        padding                          p-*
        padding-top                                    pt-*
        padding-right                    pr-*
        padding-bottom                   pb-*
        padding-left                     pl-*
```

The asterisk (*) symbol can be any number in the range of 0 to 5. For example, p-3, pr-1, pb-5, etc.

>>> Padding Values :
```
        Size                 Value
        0                    0
0px
        1                    0.25 * spacer            4px
        2                    0.5 * spacer             8px
        3                    1 * spacer
16px
        4                    1.5 * spacer             24px
```

5   3 * spacer
48px

The spacer is a variable and has a value of 16 pixels by
default.

For example, p-1 = 0.25 * 16px = 4px
                pt-4 = 1.5 * 16px = 24px

....
....

BOOTSTRAP NAVBAR :

The 'nav' element is a container element similar to div
element, it used to add a navigation to our website.

```
    <nav class="navbar navbar-expand-lg navbar-light
bg-light">
      <a class="navbar-brand" href="#">Navbar</a>
      <button class="navbar-toggler" type="button"
data-toggle="collapse" data-target="#navbarNavAltMarkup"
aria-controls="navbarNavAltMarkup" aria-expanded="false"
aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse"
id="navbarNavAltMarkup">
        <div class="navbar-nav">
          <a class="nav-link active" href="#">
            Home
            <span class="sr-only">(current)</span>
          </a>
          <a class="nav-link" href="#">Features</a>
          <a class="nav-link" href="#">Pricing</a>
          <a class="nav-link disabled" href="#"
tabindex="-1" aria-disabled="true">Disabled</a>
        </div>
```

```
        </div>
    </nav>
```