

## Favourite Place Detailed View Section

To get code snippets from the bootstrap: <https://getbootstrap.com/docs/4.5/getting-started/introduction/> (<https://getbootstrap.com/docs/4.5/getting-started/introduction/>).

### 1. Bootstrap Components

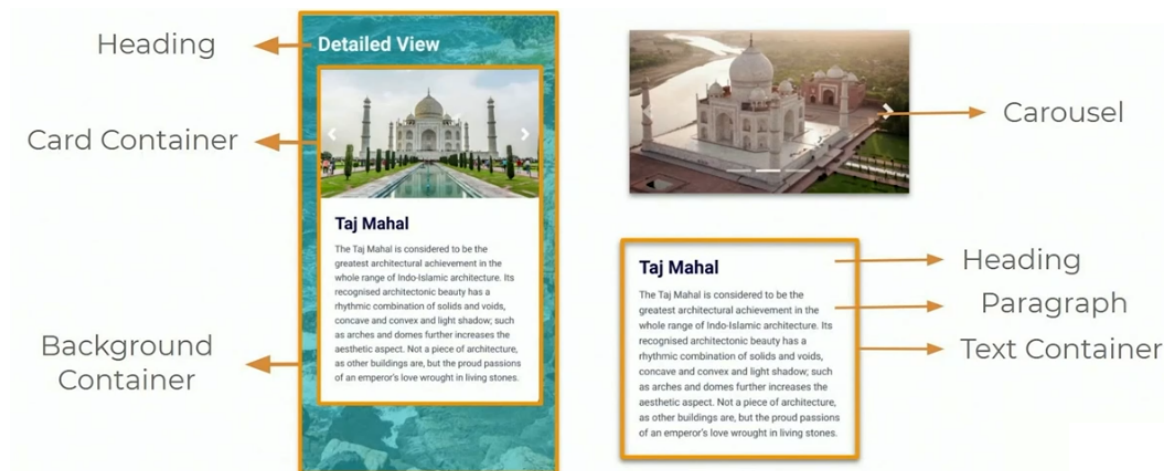
#### 1 Carousel

- The Carousel is a slideshow for cycling through images, text, etc. Slides will change every few seconds.
- To add the Carousel to our Favourite Place Detailed View Section Page, we used Bootstrap Carousel Component with the Indicators.
- You can add the different images in the Carousel by changing the image URL in the value of the HTML src attribute.

In [1]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html33.png")
```

Out[1]:



go to bootstrap website --> components --> carousel --> select 'with indicators' --> copy code

In [3]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html34.png")
```

Out[3]:

```
<> pg10_carousel.html > html > body > div.detailed-view-bg-container > div.detailed-view-card-container > div.detailed-view-card-te
<body>
<div class="detailed-view-bg-container">
<h1 class="detailed-view-heading">Detailed View</h1>
<div class="detailed-view-card-container">
<div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">
<ol class="carousel-indicators">
<li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>
<li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
<li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
</ol>
<div class="carousel-inner">
<div class="carousel-item active">

</div>
<div class="carousel-item">

</div>
<div class="carousel-item">

</div>
</div>
<a class="carousel-control-prev" href="#carouselExampleIndicators" role="button" data-slide="prev">
<span class="carousel-control-prev-icon" aria-hidden="true"></span>
<span class="sr-only">Previous</span>
</a>
<a class="carousel-control-next" href="#carouselExampleIndicators" role="button" data-slide="next">
<span class="carousel-control-next-icon" aria-hidden="true"></span>
<span class="sr-only">Next</span>
</a>
</div>
```

In [5]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html35.png")
```

Out[5]:

```
<> pg10_carousel.html > ...
<div class="detailed-view-card-text-container">
<h1 class="detailed-view-card-heading">Taj Mahal</h1>
<p class="detailed-view-card-description">
The Taj Mahal is considered to be the greatest architectural
achievement in the whole range of Indo-Islamic architecture. Its
recognised architectonic beauty has a rhythmic combination of solids
and voids, concave and convex and light shadow; such as arches and
domes further increases the aesthetic aspect. Not a piece of
architecture, as other buildings are, but the proud passions of an
emperor's love wrought in living stones.
</p>
</div>
</div>
</body>
```

In [6]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html36.png")
```

Out[6]:

```
> # pg10_style.css > ...
@import url("https://fonts.googleapis.com/css2?family=Bree+Serif&family=
.detailed-view-bg-container {
  background-image: url("D:/Tech/0.UI/code/HtmlCss1/images/seabg.png");
  height: 100vh;
  background-size: cover;
}

.detailed-view-heading {
  color: white;
  font-family: "Roboto";
  font-size: 28px;
  font-weight: bold;
  padding: 24px;
}

.detailed-view-card-container {
  background-color: white;
  border-bottom-right-radius: 8px;
  border-bottom-left-radius: 8px;
  margin: 24px;
}

.detailed-view-card-heading {
  color: #0f0e46;
  font-family: "Roboto";
  font-size: 23px;
  font-weight: bold;
}

.detailed-view-card-description {
  color: #6c6b70;
  font-family: "Roboto";
  font-size: 13px;
}

.detailed-view-card-text-container {
  padding: 16px;
}
```

## 2. Bootstrap Utilities

### 2.1 Embed

- The given code snippet is the Youtube embed code provided by Bootstrap. You can add the different Youtube Videos by changing the Video ID in the value of the HTML src attribute.
- The Video ID is in between the <https://www.youtube.com/embed/> (<https://www.youtube.com/embed/>) and ?rel=0.

go to bootstrap website --> Utilities --> Embed --> copy code

In [8]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html37.png")
```

Out[8]:

&lt;&gt; pg11\_video\_embded.html &gt; ...

```
<body>
<div class="detailed-view-bg-container">
<h1 class="detailed-view-heading">Detailed View</h1>
<div class="detailed-view-card-container">
<div class="embed-responsive embed-responsive-16by9">
<iframe
class="embed-responsive-item" copy this code from youtube
src="https://www.youtube.com/embed/49HTIoCccDY?rel=0"
allowfullscreen
></iframe>
</div>
<div class="detailed-view-card-text-container">
<h1 class="detailed-view-card-heading">Taj Mahal</h1>
<p class="detailed-view-card-description">
The Taj Mahal is considered to be the greatest architectural
achievement in the whole range of Indo-Islamic architecture. Its
recognised architectonic beauty has a rhythmic combination of solids
and voids, concave and convex and light shadow; such as arches and
domes further increases the aesthetic aspect. Not a piece of
architecture, as other buildings are, but the proud passions of an
emperor's love wrought in living stones.
</p>
</div>
</div>
</div>
</body>
```

**Note: CSS is same as above****Task 5: Technologies**

In [10]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html38.png")
```

Out[10]:



> <> practice5\_technologies.html > html

```
<body>
.....<div class="bg-container d-flex flex-column justify-content-end">
.....<div class="card-container">
.....<h1 class="card-heading"> Advanced Technologies </h1>
.....<p class="card-description"> Machinery and equipment
.....developed from the application of
.....scientific knowledge. </p>
.....<button class="card-button button1"> Learn more </button>
.....<button class="card-button button2"> Save Draft </button>
.....</div>
.....</div>
</body>
```

## Advanced Technologies

Machinery and equipment developed from the application of scientific knowledge.

Learn more

Save Draft

In [11]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html39.png")
```

Out[11]:

```
@import url("https://fonts.googleapis.com/css2?family=Bree+Serif&family=Cavendish");

.bg-container {
  background-image: url("D:/Tech/0.UI/code/HtmlCss1/images/arvrbg.png");
  background-size: cover;
  height: 100vh;
}

.card-container {
  background-color: #ffffff;
  border-top-left-radius: 16px;
  border-top-right-radius: 16px;
  padding: 24px;
}

.card-heading {
  color: #5752ab;
  font-family: "Bree Serif";
  font-size: 24px;
  font-weight: bold;
}

.card-description {
  color: #323f4b;
  font-family: "Roboto";
  font-size: 16px;
  font-weight: bold;
}

.card-button {
  height: 36px;
  width: 90px;
  border-radius: 8px;
  font-family: "Roboto";
  font-size: 14px;
  border-width: 0px;
}

.button1 {
  background-color: #ffffff;
  color: #171f46;
  border-style: solid;
  border-color: #d7dfe9;
  border-width: 2px;
  margin-right: 6px;
}

.button2 {
  background-color: #5752ab;
  color: #ffffff;
  margin-left: 6px;
}
```

## Task 6: News page

In [14]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html40.png")
```

Out[14]:



```
<? practice6_news.html > html

<body>
...<div class="bg-container d-flex flex-column justify-content-end">
...<div class="card-container">
...<p class="card-description"> NEWS OF THE DAY </p>
...<h1 class="card-heading"> iB Cricket announces world's first Virtual Reality Cricket League </h1>
...<p class="card-description"> iB Cricket and Viu together have announced.....</p>
...<button class="button"> Read more </button>
...</div>
...</div>
</body>

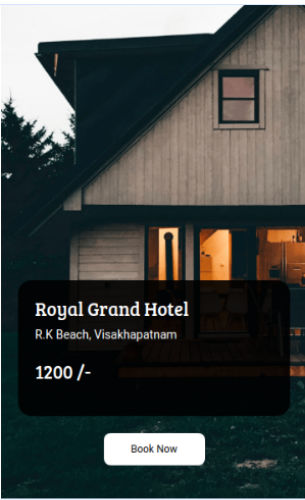
# practice6_style.css > .card-description
@import url("https://fonts.googleapis.com/css2?family=Bree+Serif&family=Cav...
.bg-container {
...background-image: url("D:/Tech/0.UI/code/HtmlCss1/images/newsbg.png");
...background-size: cover;
...height: 100vh;
}
.card-container {
...background-color: #ffffff;
...border-top-left-radius: 10px;
...border-top-right-radius: 10px;
...padding: 24px;
}
.card-heading {
...color: #323f4b;
...font-family: "Roboto";
...font-size: 24px;
...font-weight: bold;
}
.card-description {
...color: #7b8794;
...font-family: "Roboto";
...font-size: 12px;
}
.button {
...height: 36px;
...width: 90px;
...border-radius: 10px;
...border-width: 0px;
...font-size: 11px;
...color: #ffffff;
...background-color: #323f4b;
...font-family: "Roboto";
}
```

Task 7: Hotel Booking Page

In [16]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html41.png")
```

Out[16]:



```
<? practice7_hotel.html > html > head > link

<body>
...<div class="bg-container d-flex flex-column justify-content-end">
...<div class="hotel-card-container">
...<h1 class="hotel-heading"> Royal Grand Hotel </h1>
...<p class="hotel-description"> R.K Beach, Visakhapatnam </p>
...<p class="hotel-price"> 1200/- </p>
...</div>
...<div class="hotel-button">
...<button class="button"> Book Now </button>
...</div>
</body>

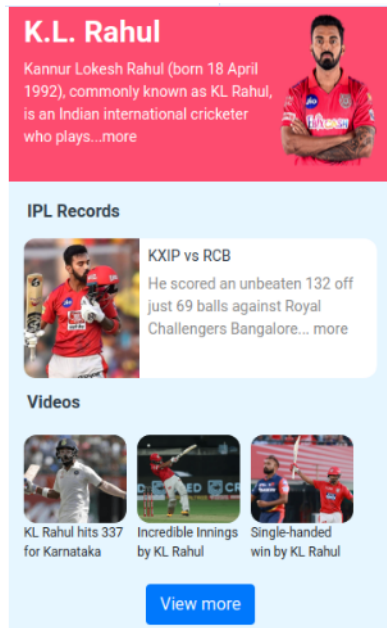
# practice7_style.css > ...
@import url("https://fonts.googleapis.com/css2?family=Bree+Serif&family=C...
.bg-container {
...background-image: url("D:/Tech/0.UI/code/HtmlCss1/images/hotelbg.png");
...background-size: cover;
...height: 100vh;
}
.hotel-card-container {
...background-color: #000000e6;
...color: #ffffff;
...padding: 16px;
...border-radius: 12px;
...margin: 16px;
}
.hotel-heading {
...font-family: "Bree Serif";
...font-size: 20px;
}
.hotel-description {
...font-family: "Roboto";
...font-size: 14px;
}
.hotel-price {
...font-family: "Roboto";
...font-size: 16px;
...font-weight: bold;
}
.button {
...height: 36px;
...width: 100px;
...background-color: #ffffff;
...border-radius: 8px;
...font-family: "Roboto";
...font-size: 14px;
...border-width: 0px;
}
.hotel-button {
...text-align: center;
...margin: 16px;
}
```

Task 8: cricket Page

In [17]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html42.png")
```

Out[17]:



practice8\_cricketer.html > html > body > div.bottom-card-section > div.middle-card-secti

```
<body>
<div class="top-card-section d-flex flex-row">
  <div class="text-container">
    <h1 class="text-heading"> K.L.Rahul </h1>
    <p class="text-description"> Kannur Lokesh
      Rahul(born 18 April 1992), commonly known
      as KL Rahul, is an Indian international
      cricketer who plays...more</p>
  </div>
  
</div>
```



In [18]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html43.png")
```

Out[18]:

```

<div class="bottom-card-section">
  <h1 class="heading"> IPL Records </h1>
  <div class="middle-card-section d-flex flex-row">
    
    <div class="middle-text-container">
      <h1 class="middle-heading"> KXIP vs RCB </h1>
      <p class="middle-description"> He scored an unbeaten 132 off
      just 69 balls against Royal Challengers Bangalore...more</p>
    </div>
  </div>
  <h1 class="heading"> Videos </h1>
  <div class="d-flex flex-row">
    <div>
      
      <p class="success-des"> KL Rahul hits 352 for Karnataka</p>
    </div>
    <div>
      
      <p class="success-des"> KL Rahul hits 352 for Karnataka</p>
    </div>
    <div>
      
      <p class="success-des"> KL Rahul hits 352 for Karnataka</p>
    </div>
  </div>
  <div class="button">
    <button class="btn btn-primary"> View more </button>
  </div>
</div>
</body>

```

In [19]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html44.png")
```

Out[19]:

```
> # practice8_style.css > .bottom-card-s
@import url("https://fonts.google

.top-card-section {
  background-color: #fb4e71;
  padding: 18px;
}
.text-container {
  color: #ffffff;
  font-family: "Roboto";
}
.text-heading {
  font-size: 32px;
  font-weight: bold;
}
.text-description {
  font-size: 16px;
}
.bottom-card-section {
  background-color: #e6f6ff;
  padding: 16px;
}

.heading {
  font-family: "Roboto";
  font-size: 24px;
  font-weight: bold;
}
.middle-heading {
  font-family: "Roboto";
  font-size: 16px;
  font-weight: bold;
}
.middle-description {
  font-family: "Roboto";
  color: #888888;
  font-size: 16px;
}
.middle-card-section {
  background-color: #ffffff;
  border-radius: 12px;
  margin-top: 10px;
  margin-bottom: 10px;
}

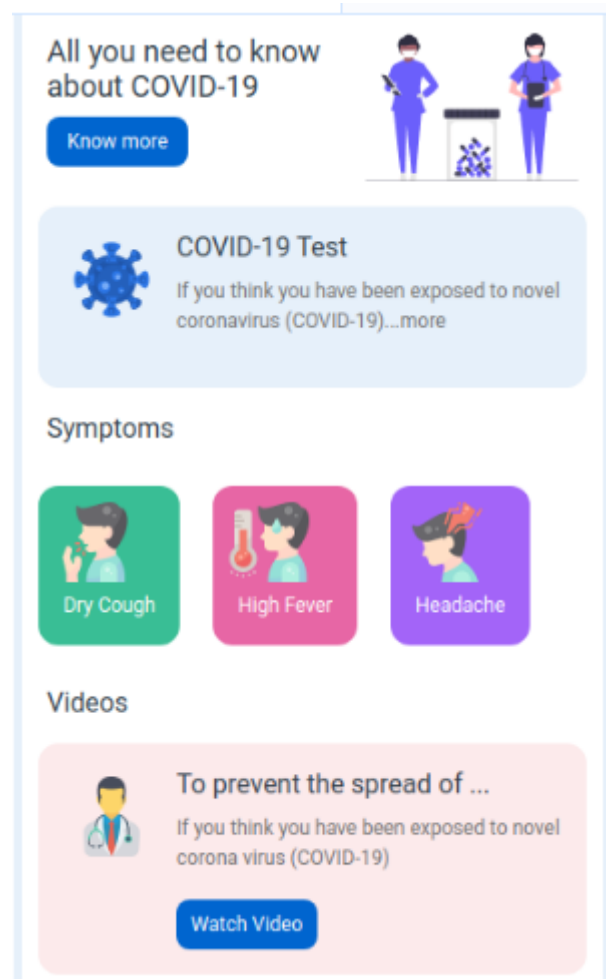
.middle-text-container {
  padding: 16px;
}
.description {
  color: #323f4b;
  font-family: "Roboto";
  font-size: 12px;
}
.button {
  text-align: center;
}
.success-des {
  font-family: "Roboto";
  font-size: 12px;
}
```

## Task 9: covid Page

In [20]:

```
from IPython.display import Image  
Image("E:/code/frontend/img/html45.png")
```

Out[20]:



In [21]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html46.png")
```

Out[21]:

```
<> practice9_covid.html > html > body > div.bg-container > div.d-flex.flex-row
<body>
... <div class="bg-container">
...   <div class="top-section d-flex flex-row">
...     <div>
...       <h1 class="main-heading"> All you need to know about COVID-19 </h1>
...       <button class="button"> Know more </button>
...     </div>
...     
...   </div>
...   <div class="middle-section d-flex flex-row">
...     
...     <div class="covid">
...       <h1 class="sub-heading"> COVID-19 Test </h1>
...       <p class="description"> If you think you have been exposed to novel
...       coronavirus(COVID-19)...more </p>
...     </div>
...   </div>
...   <h1 class="heading"> Symptoms </h1>
...   <div class="d-flex flex-row">
...     <div class="card1">
...       
...       <p class="paragraph"> Dry Cough </p>
...     </div>
...     <div class="card2">
...       
...       <p class="paragraph"> High Fever </p>
...     </div>
...     <div class="card3">
...       
...       <p class="paragraph"> Headache </p>
...     </div>
...   </div>
... </div>
```

In [22]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html47.png")
```

Out[22]:

```
... <div class="bottom-container d-flex flex-row">
...   
...   <div class="bottom-card">
...     <h1 class="bottom-heading"> To prevent the spread of... </h1>
...     <p class="bottom-description"> If you think you have been exposed
...     to novel corona virus(COVID-19) </p>
...     <button class="button"> Watch Video </button>
...   </div>
... </div>
... </div>
</body>
```

In [23]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html48.png")
```

Out[23]:

```
# practice9_style.css > .middle-section
.main-heading {
  color: #323f4b;
  font-family: "Roboto";
  font-size: 25px;
}
.button {
  color: #ffffff;
  background-color: #0967d2;
  font-family: "Roboto";
  font-size: 12px;
  border-radius: 8px;
  border-width: 0px;
  height: 26px;
}
.top-section {
  padding: 12px;
}
.sub-heading {
  color: #707070;
  font-family: "Roboto";
  font-size: 25px;
  font-size: 16px;
}
.description {
  color: #707070;
  font-family: "Roboto";
  font-size: 14px;
  font-weight: 500;
}

.middle-section {
  padding: 14px;
  background-color: #0967d219;
  border-radius: 12px;
  margin-top: 10px;
  margin-bottom: 12px;
}
.image {
  height: 75px;
  padding: 14px;
}
.heading {
  color: #323f4b;
  font-family: "Roboto";
  font-size: 16px;
  font-weight: bold;
}
.paragraph {
  color: #ffffff;
  font-family: "Roboto";
  font-size: 14px;
  padding: 12px;
}
.card1 {
  background-color: #3ebd93;
  padding: 12px;
  border-radius: 12px;
  margin-right: 14px;
}
.card2 {
  background-color: #e668a7;
  padding: 12px;
  border-radius: 12px;
  margin-right: 14px;
}
.card3 {
  background-color: #a368fc;
  padding: 12px;
  border-radius: 12px;
}
.bottom-heading {
  color: #323f4b;
  font-family: "Roboto";
  font-size: 16px;
}
.bottom-description {
  color: #707070;
  font-family: "Roboto";
  font-size: 12px;
}
.doctor-img {
  height: 60px;
  padding: 10px;
}
.bottom-container {
  background-color: #e12d3919;
  border-radius: 12px;
  margin-top: 12px;
}
.bottom-card {
  padding: 12px;
}
.bg-container {
  margin: 12px;
}
.covid {
  padding: 12px;
}
```

## Task 10: goa Page

In [24]:

```
from IPython.display import Image  
Image("E:/code/frontend/img/html49.png")
```

Out[24]:



### About

Goa is known for its striking landscape, famous beaches in India, astounding monuments and churches and bustling Goa nightlife. Goa is one of the most visited tourist places in India, especially on weekends, as it is not very far from Mumbai and having Panaji as its capital and Vasco da Gama as the largest city. It attracts a large number of tourists from all over the world, round the year.



### More Pictures



In [25]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html50.png")
```

Out[25]:

\_goa.html >  html >  body >  div.container >  div.d-flex.flex-row >  div.embed-responsive.embed-responsive-16by9.video-file >  ifrai

```
<body>
... <div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">
...   <ol class="carousel-indicators">
...     <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>
...     <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
...     <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
...   </ol>
...   <div class="carousel-inner">
...     <div class="carousel-item active">
...       
...     </div>
...     <div class="carousel-item">
...       
...     </div>
...     <div class="carousel-item">
...       
...     </div>
...   </div>
...   <a class="carousel-control-prev" href="#carouselExampleIndicators" role="button" data-slide="prev">
...     <span class="carousel-control-prev-icon" aria-hidden="true"></span>
...     <span class="sr-only">Previous</span>
...   </a>
...   <a class="carousel-control-next" href="#carouselExampleIndicators" role="button" data-slide="next">
...     <span class="carousel-control-next-icon" aria-hidden="true"></span>
...     <span class="sr-only">Next</span>
...   </a>
... </div>
```

In [26]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html51.png")
```

Out[26]:

```

<div class="container">
  <div class="text-container">
    <h1 class="carousel-heading"> About </h1>
    <p class="carousel-description"> Goa is a state in western India with coastlines stretching alo
  </p>
</div>
<h1 class="carousel-heading"> More Pictures </h1>
<div class="d-flex flex-row">
  <div class="picture-container">
    
    
    
  </div>
</div>

<h1 class="carousel-heading"> Videos </h1>
<div class="d-flex flex-row">
  <div class="embed-responsive embed-responsive-16by9 video-file">
    <iframe class="embed-responsive-item" src="https://www.youtube.com/embed/NFalCkZAClY?rel=0"
      allowfullscreen></iframe>
  </div>
  <div class="embed-responsive embed-responsive-16by9 video-file">
    <iframe class="embed-responsive-item" src="https://www.youtube.com/embed/NFalCkZAClY?rel=0"
      allowfullscreen></iframe>
  </div>
  <div class="embed-responsive embed-responsive-16by9 video-file">
    <iframe class="embed-responsive-item" src="https://www.youtube.com/embed/NFalCkZAClY?rel=0"
      allowfullscreen></iframe>
  </div>
</div>
</div>
</body>

```

Activate Windows  
Go to Settings to



In [27]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html52.png")
```

Out[27]:

```
> # practice10_style.css > ...
@import url("https://fonts.gc

.carousel-heading {
  color: #323f4b;
  font-family: "Roboto";
  font-size: 18px;
  font-weight: bold;
}

.carousel-description {
  color: #9aa5b1;
  font-family: "Roboto";
  font-size: 16px;
}

.container {
  padding: 18px
}

.picture {
  margin-right: 12px;
  margin-bottom: 12px;
}

.video-file {
  margin-right: 12px;
  border-radius: 8px;
}
```

## Topic 5 : Integration of website

### 1. CCBP UI Kit

- It is a collection of reusable code snippets similar to Bootstrap. It is specially designed for CCBP training.

#### 1.1 Adding CCBP UI Kit to the Web Page

- The CCBP UI Kit Script Code should be placed just before the HTML body end tag.
- script type="text/javascript" src="<https://d1tgh8fmlzexmh.cloudfront.net/ccbp-static-website/js/ccbp-ui-kit.js> (<https://d1tgh8fmlzexmh.cloudfront.net/ccbp-static-website/js/ccbp-ui-kit.js>)"


#### 1.2 Display Utility

- It is a reusable code snippet to display or hide Section Containers based on user actions.

In [29]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html53.png")
```

Out[29]:

pg12\_integration\_sample.html >  html

```
<body>
<div id="section1">
  <p>This is Section One</p>
  <button class="btn btn-primary" onclick="display('section2')">
    Go to Section 2
  </button>
</div>
<div id="section2">
  <p>This is Section Two</p>
  <button class="btn btn-primary" onclick="display('section3')">
    Go to Section 3
  </button>
</div>
<div id="section3">
  <p>This is Section Three</p>
  <button class="btn btn-primary" onclick="display('section1')">
    Go to Section 1
  </button>
</div>
<script type="text/javascript" src="D:/Tech/0.UI/code/HtmlCss1/Topic5/ccbp-ui-kit.js"></script>
</body>
```

This is Section One

This is Section Two

This is Section Three

Go to Section 2

Go to Section 3

Go to Section 1

### 3. HTML Attributes

#### 3.1 The HTML id Attribute

- The HTML id attribute specifies a unique id for an HTML element. The value of the id attribute must be unique within the HTML document.

#### 3.2 The HTML onclick Attribute

- The onclick event occurs when the user clicks on an HTML Element.
- The value of an HTML onclick attribute should be enclosed in double-quotes and the value inside the brackets of display() should be enclosed in single quotes

In [30]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html54.png")
```

Out[30]:

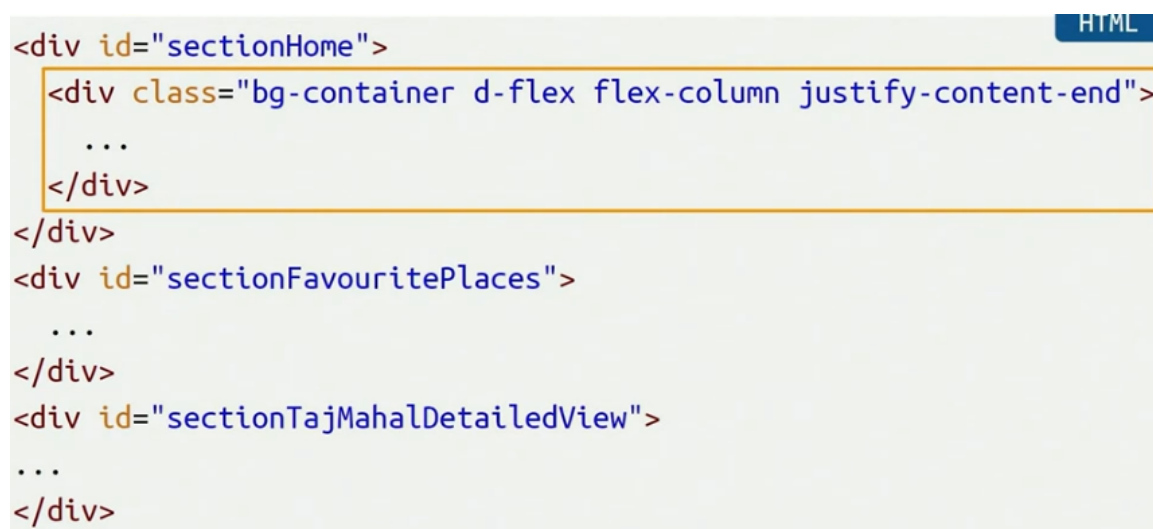


```
<div id="section1">
</div>
<div id="section2">
...
</div>
<div id="section3">
...
</div>
<div id="sectionHome">
</div>
<div id="sectionFavouritePlaces">
...
</div>
<div id="sectionTajMahalDetailedView">
...
</div>
```

In [31]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html55.png")
```

Out[31]:



```
<div id="sectionHome">
  <div class="bg-container d-flex flex-column justify-content-end">
    ...
  </div>
</div>
<div id="sectionFavouritePlaces">
...
</div>
<div id="sectionTajMahalDetailedView">
...
</div>
```

## Wensite integration part 2

### 3. HTML Lists

- The List is a way to group related pieces of information so that they are easy to read and understand.
- For example, Shopping list, Todo list, etc.
- There are mainly two types of Lists available in HTML.
  - Unordered List
  - Ordered List

#### 3.1 Unordered List

- It is a collection of related items that have no special order or sequence.
- For example, List of Hobbies
  - Painting
  - Reading Books
  - Playing the Guitar
- The Unordered List starts with `ul>` tag. It wraps around all the list items and each list item starts with the `li>` tag.
- By default, list items in the Unordered List are marked with bullets.

##### 3.1.1 Styling Unordered List

- The CSS `list-style-type` property is used to style the List.
- `.unordered-square-list { list-style-type: square; }`
- You can use one of the below values of the CSS `list-style-type` property to style the Unordered List.
- square circle disc none

#### 3.2 Ordered List

- It is a collection of related items that follow some order or have a sequence.
- For example, Web Technologies
  - HTML
  - CSS
  - JavaScript
- The Ordered List starts with `ol>` tag. It wraps around all the list items and each list item starts with the `li>` tag.
- By default, list items in the Ordered List are marked with numbers.

##### 3.2.1 Styling Ordered List

- The CSS `list-style-type` property is used to style the List.
- `.ordered-lower-roman-list { list-style-type: lower-roman; }`
- You can use one of the below values of the CSS `list-style-type` property to style the Ordered List.
- upper-alpha lower-alpha upper-roman lower-roman decimal none

In [34]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html56.png")
```

Out[34]:

```
<> pg14_lists.html > html
<<body>
<ul class="unordered-square-list">
<li>Painting</li>
<li>Reading Books</li>
<li>Playing the Guitar</li>
</ul>

<ol class="ordered-lower-roman-list">
<li>Go through the HTML elements and CSS properties</li>
<li>Complete the Todolist Coding Practice</li>
<li>Go through the Bootstrap Concepts</li>
<li>Read the Bootstrap cheat sheet</li>
<li>Build a Tourism Website</li>
</ol>
</body>
```

- Painting
- Reading Books
- Playing the Guitar

1. Go through the HTML elements and CSS properties
2. Complete the Todolist Coding Practice
3. Go through the Bootstrap Concepts
4. Read the Bootstrap cheat sheet
5. Build a Tourism Website

## HTML Hyperlinks

### 1. HTML Anchor Element

- The HTML a element defines a Hyperlink.
- We use Hyperlinks to navigate to other web resources or a specific element within the HTML document. They are also called links.
- Syntax: `a href="URL">Content</a>`

#### 1.1 HTML href Attribute

- The HTML href Attribute specifies the URL/ path of the page where the link goes to.

#### 1.2 HTML target Attribute

- The HTML target Attribute specifies where to open the linked web resource.

In [38]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html57.png")
```

Out[38]:

```
<> pg15_hyperlinks.html > ...
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" type="text/css" href="pg12_style.css"/>
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" integrity="sha384-DfXdz2htPH0lsSS5nCTpuj/zy40" crossorigin="anonymous">
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfXdz2htPH0lsSS5nCTpuj/zy40" crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-9/reFTG" crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js" integrity="sha384-B4gt1" crossorigin="anonymous"></script>
</head>
<body>
<a href="https://github.com/pavanpuppala0346/1.PythonOfficial">1.1 Python Notes from GIT</a><br/>
<a href="https://github.com/pavanpuppala0346/1.PythonOfficial" target="_blank">1.2 Python Notes from GIT</a>
</body>
</html>
```

← → ↻ ⓘ File | D:/Tech/0.UI/code/HtmlCss1/Topic5/pg15\_hyperlinks.html

1.1 Python Notes from GIT → link opens in the same tab

1.2 Python Notes from GIT → link opens in the new tab

## 2. Navigate within the same HTML document

- The HTML a element can also be used to navigate to different sections within the same HTML document.
- Add an HTML id attribute to the section that you want to navigate to. Provide the hash symbol #, and the value of the id attribute of that section as a value to the link's HTML href attribute.

In [41]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html58.png")
```

Out[41]:

```
<> pg16_links.html < html
<body>
<div class="profile">

<h1 class="heading">Vinod</h1>
<p>
Vinod is an Indian-American business executive. He is the chief
executive officer of Vincent Club Inc
</p>
<a href="#bioSection">Bio</a>
</div>
<div class="awards">
<ul>
<li>Quality Mark Award</li>
<li>Golden Peacock Awards</li>
<li>Emerging Entrepreneurs</li>
</ul>
</div>
<div class="bio" id="bioSection">
<h1 class="heading">Bio</h1>
<p>
Vinod (born June 10, 1972), is an Indian-American business executive. He
is the chief executive officer (CEO) of Vincent Club Inc. and its
subsidiary Techtron LLC. Born in Madurai, India, Vinod earned his degree
from the Indian Institute of Technology Kharagpur in metallurgical
engineering. Moving to the United States
</p>
</div>
</body>
```

```
> # pg16_style.css > bio
@import url('https://fonts.goog
.profile {
text-align: center;
background-color: #ffffff;
padding: 30px;
}
.image {
width: 200px;
margin: 30px;
}
.heading {
font-size: 24px;
}
.awards {
background-color: #f7fbff;
padding: 20px;
}
.bio {
background-color: #ffffff;
padding: 20px;
}
```



Vinod

Vinod is an Indian-American business executive. He is the chief executive officer of Vincent Club Inc

Bio click bio

### Awards

**Note:**

- While navigating to a particular section within the same HTML document, the content of that section doesn't start from the starting of a page when
- It has less content to fill the Viewport height and there are no sections after it.
- The content of that section and the content of the sections after it has less content to fill the Viewport height.

**3. HTML Image Element as Link**

In [43]:

```
from IPython.display import Image
Image("E:/code/frontend/img/html59.png")
```

Out[43]:

```
<> pg17_img_link.html > ...
<!DOCTYPE html>
<html>
<<head>
<<<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bc
<<<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-Dfxd;
<<<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" int
<<<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js" :
<</head>
<</body>
<<<div class="profile">
<<<
<<<<h1 class="heading">Pavan Puppala</h1>
<<<<p>
<<<<<Pavan Puppala is an Indian-American business executive. He is the chief
<<<<<executive officer of Vincent Club Inc
<<<<</p>
<<<<<<a href="https://github.com/pavanpuppala0346?tab=repositories">
<<<<<
<<<<<</a>
<<<<</div>
<<</body>
</html>
```



Pavan Puppala

Pavan Puppala is an Indian-American business executive. He is the chief executive officer of Vincent Club Inc



click image

**4. Most commonly used HTML Void Elements****4.1 HTML Line Break Element**

- The HTML br element helps to break the text and continue it in the next line.

**4.2 HTML Horizontal Rule Element**

- The HTML hr element inserts a horizontal line and helps to separate the content.

In [44]:

```
from IPython.display import Image  
Image("E:/code/frontend/img/html60.png")
```

Out[44]:

```
<body>  
<h4 class="heading">  
Twinkle Twinkle Little Star  
</h4>  
<hr />  
<p>  
Twinkle, twinkle, little star, <br />  
How I wonder what you are! <br />  
Up above the world so high, <br />  
Like a diamond in the sky.  
</p>  
<hr />  
</body>
```

---

## Twinkle Twinkle Little Star

---

Twinkle, twinkle, little star,  
How I wonder what you are!  
Up above the world so high,  
Like a diamond in the sky.

---