CSS & BOOTSTRAP CODING NOTES DOCUMENT

MEDIA QUERIES:

 Media Queries:

use to create responsive website for different sizes from mobile to desktop

----

<meta name="viewport" content="width=device-width,initial-scale=1">

/* phone and mobile */

      @media (max-width:480px){}

  /low resolution tablet and ipad/

      @media (min-width:481px) and (max-width:767px){}

/portrait mode tablet and ipad/

      @media (min-width:768px) and (max-width:1024px){}

 /laptop/

      @media (min-width:1025px) and (max-width:1280px){}

/large screen/

      @media(min-width:1281px){}

[27-03-2023]

#Navigation - Flex (coding)

 <html>

<head>

<style>

ul li{

   list-style-type: none;

   display: inline-block;

```css
    color: white;

    font-size: 25px;

    padding-top: 15px;

}

.logo{

    color: yellow;

    font-size: 30px;

}

.left-bar{

    float: left;

}

.right-bar{

    float: right;

}

.right-bar li{

    padding-right: 22px;

}

.header{

    width: 100%;

    height: 100px;

    background-color: indigo;

}

.footer{

    width: 100%;

    height: 100px;

    background-color: indigo;

}
```

```css
.flex{

    display: flex;

    background-color: aqua;

    height: auto;

    flex-wrap: wrap;

    justify-content: center;

}

.flex-box{

    background-color: blueviolet;

    height: 150px;

    width: 200px;

    margin: 20px;

}

</style>

</head>

<body>

    <div class="header">

<ul class="left-bar">

<li class="logo">Flipkart</li>

</ul>

<ul class="right-bar">

<li>Home</li>

<li>Support</li>

<li>News</li>

<li>Help</li>

</ul>

</div>
```

```
    <div class="flex">

<div class="flex-box"><img src="laptop.png"> </div>

<div class="flex-box"> <img src="laptop.png"></div>

<div class="flex-box"> <img src="laptop.png"></div>

<div class="flex-box"> <img src="laptop.png"></div>

<div class="flex-box"> <img src="laptop.png"></div>

<div class="flex-box"><img src="laptop.png"> </div>

<div class="flex-box"><img src="laptop.png"> </div>

<div class="flex-box"><img src="laptop.png"> </div>

<div class="flex-box"> <img src="laptop.png"></div>

<div class="flex-box"><img src="laptop.png"> </div>

<div class="flex-box"><img src="laptop.png"> </div>

<div class="flex-box"> <img src="laptop.png"></div>

<div class="flex-box"><img src="laptop.png"> </div>

<div class="flex-box"><img src="laptop.png"> </div>

<div class="flex-box"><img src="laptop.png"> </div>

<div class="flex-box"> <img src="laptop.png"></div>

    </div>

    <div class="footer">

    </div>

</body>

</html>
```

[28-03-2023]

#MEDIA QUERIES:

 Media Queries: use to create responsive website for different sizes from mobile to desktop.

```
<meta name="viewport" content="width=device-width,initial-scale=1">
/* phone and mobile */
        @media (max-width:480px){}
    /low resolution tablet and ipad/
        @media (min-width:481px) and (max-width:767px){}
/portrait mode tablet and ipad/
        @media (min-width:768px) and (max-width:1024px){}
 /laptop/
        @media (min-width:1025px) and (max-width:1280px){}
/large screen/
        @media(min-width:1281px){}
```

+++

#Sample Code for Media Queries:

```
<html>
<head>
   <meta name="viewport" content="width=device-width,initial-scale=1">
<style>
@media (max-width:480px){
body{
   background-color: aqua;
   font-size: 10px;
}
.box{
   width: 300px;
   height: 200px;
```

```css
    background-color: rebeccapurple;

}

h1{

  color: red;

}

}

@media (min-width:481px) and (max-width:767px)

{

  body{

background-color: red;

font-size: 20px;

}

.box{

  width: 300px;

  height: 200px;

  background-color: black;

}

}

@media (min-width:768px) and (max-width:1024px)

{

  body{

background-color: indigo;

font-size: 30px;

}

.box{

  width: 300px;

  height: 200px;
```

```
    background-color: brown;

}

}

@media (min-width:1025px) and (max-width:1280px)

{

    body{

background-color: yellow;

font-size: 40px;

}

.box{

    width: 300px;

    height: 200px;

    background-color: rosybrown;

}

}

@media(min-width:1281px){

    body{

background-color: grey;

font-size: 50px;

}

.box{

    width: 300px;

    height: 200px;

    background-color: royalblue;

}
```

```
h1

{

color: red;

}

}

</style>

</head>

<body>

 <div> WELCOME TO JS</div>

<h1>WELCOME TO MEDIA QUERY</h1>

<div class="box"></div>

</body>

</html>
```

[30-03-2023]

#Box sizing:

```
 <html>

   <head>

     <style>

       *{

          margin:0;

          padding:0;

          box-sizing: border-box;

       }

.box-one{

width: 200px;

height: 200px;
```

```
margin: 10px;

padding: 50px;

background-color: aqua;

}

.box-two{

width: 200px;

height: 200px;

margin: 10px;

padding: 50px;

background-color: red;

}

    </style>

  </head>

  <body>

<div class="box-one">Welcome to programming</div>

<div class="box-two">Welcome to programming</div>

  </body>

</html>
```

#Relative Position:

```
<html>

  <head>

    <style>

.box-one{

width: 200px;

height: 150px;

margin: 10px;
```

```
background-color: aqua;

position: relative;

top: 45px;

left: 45px;

}

.box-two{

width: 200px;

height: 150px;

margin: 10px;

background-color: red;

}

    </style>

  </head>

  <body>

<div class="box-one">Welcome to programming</div>

<div class="box-two">Welcome to programming</div>

  </body>

</html>
```

#Absolute Position:

```
 <html>

  <head>

    <style>

.box-one

{

width: 200px;

height: 150px;
```

```
margin: 10px;

background-color: aqua;

position: relative;

}

.box-two{

width: 200px;

height: 150px;

margin: 10px;

background-color: green;

position: absolute;

z-index: 1;

}

.box-three{

width: 200px;

height: 150px;

margin: 10px;

background-color: red;

position: relative;

}

    </style>

  </head>

  <body>

<div class="box-one">Welcome to programming</div>

<div class="box-two">Welcome to programming</div>

<div class="box-three">Welcome to programming</div>

  </body>

</html>
```

[31-03-2023]

#BOOTSTRAP-4

Use only Bootstrap 4 https://getbootstrap.com/docs/4.0/getting-started/introduction/

Remember to use 4 url inside head and then you good to go

[03-04-2023]

#Sample for Grid System:

```
<html>

<head>

   <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

   <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"
integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"
integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"
crossorigin="anonymous"></script>

</head>

<style>   </style>

<body>

  <nav class="navbar navbar-expand-lg navbar-light bg-light">

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarTogglerDemo01" aria-controls="navbarTogglerDemo01" aria-expanded="false" aria-
label="Toggle navigation">

     <span class="navbar-toggler-icon"></span>

    </button>
```

```
        <div class="collapse navbar-collapse" id="navbarTogglerDemo01">

          <a class="navbar-brand" href="#">Hidden brand</a>

          <ul class="navbar-nav mr-auto mt-2 mt-lg-0">

            <li class="nav-item active">

              <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>

            </li>

            <li class="nav-item">

              <a class="nav-link" href="#">Link</a>

            </li>

            <li class="nav-item">

              <a class="nav-link disabled" href="#">Disabled</a>

            </li>

          </ul>

          <form class="form-inline my-2 my-lg-0">

            <input class="form-control mr-sm-2" type="search" placeholder="Search" aria-
label="Search">

            <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>

          </form>

        </div>

      </nav>

    </br>

</br>

</br>

    <div class="row">

      <div class="col-4"></div>

      <div class="col-4"><h3>Login Page</h3></div>

      <div class="col-4"></div>

    </div>
```

```
<div class="row">

 <div class="col-4"></div>

 <div class="col-4">

   <form>

    <div class="form-group">

     <label for="exampleInputEmail1">First Name</label>

     <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter email">

    </div>

    <div class="form-group">

     <label for="exampleInputEmail1">Last Name</label>

     <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter email">

    </div>

    <div class="form-group">

     <label for="exampleInputEmail1">Email address</label>

     <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter email">

    </div>

    <div class="form-group">

     <label for="exampleInputPassword1">Password</label>

     <input type="password" class="form-control" id="exampleInputPassword1" placeholder="Password">

    </div>

    <div class="form-check">

     <input type="checkbox" class="form-check-input" id="exampleCheck1">

     <label class="form-check-label" for="exampleCheck1">Check me out</label>

    </div>

    <button type="submit" class="btn btn-primary">Submit</button>
```

```
        </form></div>

    <div class="col-4"></div>

   </div>

 </body>

</html>
```

[04-04-2023]

```
<html>

  <head>

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"
integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"
integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"
crossorigin="anonymous"></script>

<style>

  .nav-link{

    margin-left: 60px;

  }

  .navbar-collapse{

    background-color: grey;

  }

  .btn-outline-success{

    background-color: orange;
```

```
      color: black;

      border-color: orange;

   }

   .sign-up{

      text-align: center;

   }

   .btn-primary{

      background-color: orange;

      border-color: orange;

      border-radius: 40px;

      display: block;

      margin: auto;

   }

</style>

</head>


   <body>

     <div class="container">

     <nav class="navbar navbar-expand-lg navbar-light bg-light">

        <a class="navbar-brand" href="#"><img src="laptop.png" width="50px" height="40px"></a>

        <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false"
aria-label="Toggle navigation">

          <span class="navbar-toggler-icon"></span>

        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">

         <ul class="navbar-nav mr-auto">

           <li class="nav-item active">
```

```
            <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>

         </li>

         <li class="nav-item active">

           <a class="nav-link" href="#">About Library <span class="sr-only">(current)</span></a>

         </li>

         <li class="nav-item active">

           <a class="nav-link" href="#">Rules and Regulations <span class="sr-only">(current)</span></a>

         </li>

         <li class="nav-item active">

           <a class="nav-link" href="#">Price Card <span class="sr-only">(current)</span></a>

         </li>

        </ul>

        <form class="form-inline my-2 my-lg-0">

         <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>

        </form>

       </div>

      </nav>

      <div class="row">

<div class="col-4"></div>

<div class="col-4">

   <h2 class="sign-up"> Sign Up</h2>

   <form>

     <div class="form-group">

       <label for="exampleInputEmail1">First Name</label>

       <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter email">

     </div>
```

```html
    <div class="form-group">

    <label for="exampleInputEmail1">Last Name</label>

    <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter email">

    </div>

  <div class="form-group">

    <label for="exampleInputEmail1">Email address</label>

    <input type="email" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp" placeholder="Enter email">

   </div>

  <div class="form-group">

    <label for="exampleInputPassword1">Password</label>

    <input type="password" class="form-control" id="exampleInputPassword1" placeholder="Password">

  </div>

  <button type="submit" class="btn btn-primary">Sign Up</button>

 </form>

</div>

<div class="col-4"></div>

    </div>

   </div>

  </body>

</html>
```