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>

<html>
<head>
<style>
ul li{
 list-style-type: none;
 display: inline-block;

```
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;
}
```

```
. 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">
Flipkart
Home
Support
News
Help
</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;
```

```
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;
}
```

AK Mass

```
h1
{
color: red;
}
}
</style>
</head>
<body>
<div>WELCOME TO JS</div>
<h1>WELCOME TO MEDIA QUERY</h1>
<div class="box"></div>
</body>
</hdmal>
```

[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>
  k 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-</pre>
KJ3o2DKtlkvYlK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"</pre>
integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"</pre>
integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"
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">
      cli class="nav-item active">
       <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>
      class="nav-item">
       <a class="nav-link" href="#">Link</a>
      class="nav-item">
       <a class="nav-link disabled" href="#">Disabled</a>
      <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"</pre>
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"</pre>
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-</pre>
KJ3o2DKtlkvYlK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"</pre>
integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js"</pre>
integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"
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">
       class="nav-item active">
```

```
<a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>
        class="nav-item active">
          <a class="nav-link" href="#">About Library <span class="sr-only">(current)</span></a>
         cli class="nav-item active">
          <a class="nav-link" href="#">Rules and Regulations <span class="sr-
only">(current)</span></a>
         cli class="nav-item active">
          <a class="nav-link" href="#">Price Card <span class="sr-only">(current)</span></a>
         <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>
```

```
<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"</pre>
placeholder="Password">
  </div>
  <button type="submit" class="btn btn-primary">Sign Up</button>
</form>
</div>
<div class="col-4"></div>
     </div>
    </div>
  </body>
</html>
```