**CSS & BOOTSTRAP CODING NOTES DOCUMENT**

**MEDIA QUERIES:**

Media Queries:

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

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<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){}

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**[27-03-2023]**

**#Navigation - Flex (coding)**

<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">

<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>

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<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;

}

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>

<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>