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# Class A Batch 13

# Institute of Computer Technology B. Tech Computer Science and Engineering

## Sub: Internet Programming (2CSE101)

**Practical 15 : To study the CSS Media Query Property to make website responsive. Apply CSS through External File for each exercise.**

Exercises:

1. Create a copy of Practical 11 – Exercise 1 and make it responsive for mobile device as said below :
   - Change background color to orange.
   - Change font-size of <p> tag to 10px
   - Decrease the width of <h1> & <p> tag according to width of mobile screen.

Code:
```
<html>
<head>
<title>Practical 15.1</title>
<link rel="stylesheet" type="text/css" href="p15q1.css">
</head>
<body>
<center><h1 id="back1">Bill Gates</h1></center><br>
<div>
<p id="back2">Gates was born and raised in Seattle, Washington. In 1975, he and Allen founded
Microsoft in Albuquerque, New Mexico. It became the world's largest personal computer
software company.[5][a] Gates led the company as chairman and CEO until stepping down as
CEO in January 2000, succeeded by Steve Ballmer, but he remained chairman of the board of
directors and became chief software architect.[8] During the late 1990s, he was criticized for his
business tactics, which have been considered anti-competitive. This opinion has been upheld by
```

numerous court rulings.[9] In June 2008, Gates transitioned to a part-time role at Microsoft and full-time work at the Bill & Melinda Gates Foundation, the private charitable foundation he and his then-wife, Melinda Gates, established in 2000.[10] He stepped down as chairman of the board of Microsoft in February 2014 and assumed a new post as technology adviser to support the newly appointed CEO Satya Nadella.[11] In March 2020, Gates left his board positions at Microsoft and Berkshire Hathaway to focus on his philanthropic efforts on climate change, global health and development, and education.[12]</p>
</div>
</body>
</html>

CSS:
```css
body{
background-color:orange;
}
h1
{
color:red;
}
p
{
color:blue;
font-size:10px;
}
#back1
{
background-color:#ADD8E6;
border-radius:10px;
}
#back1:hover
{
transform: rotate(90deg);
transition-duration: 3s;
transition-timing-function: ease-in;
}
#back2
{
background-color:#ADD8E6;
}
#back2:hover
{
```
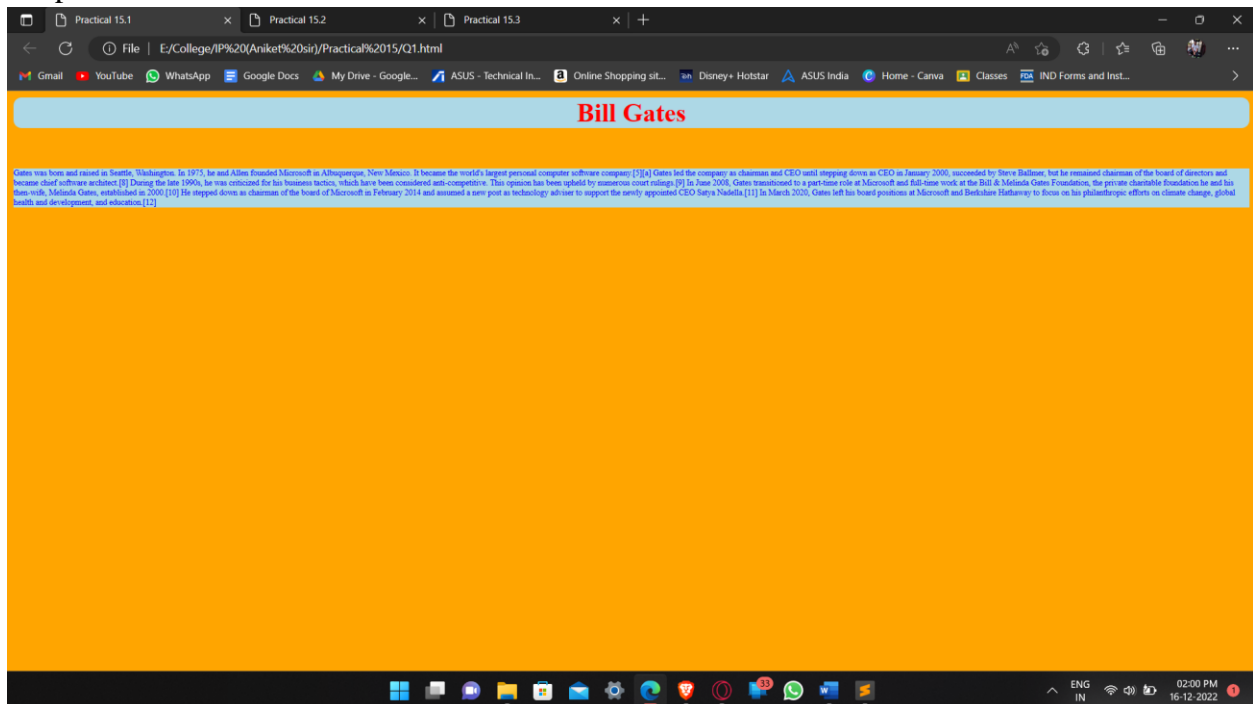
```
transform: rotate(180deg);
transition-duration: 3s;
transition-timing-function: ease-in;
}
div
{
font-family:dev;
}
```

Output:



2. Create a copy of Practical 10 – Exercise 3 and make it responsive for mobile device as said below :
   - Change background color to gray & selected text color to yellow.
   - Make horizontal navbar to vertical.

Code:
```
<html>
<head>
<title>Practical 15.2</title>
<link rel="stylesheet" type="text/css" href="p15q2.css">
</head>
<body>
<div class="bon">
```

```html
<ul>
<li><a href="https://www.w3schools.com/default.asp">Home </a>
</li>
<li> <a href="https://www.w3schools.com/default.asp">About us</a> </li>
<li><a href="https://www.w3schools.com/default.asp">Contact us </a> </li>
<li class="dropdown"> <a href="https://www.w3schools.com/default.asp">Addmission</a>
<div class="dropdown-content">
<ul>
<li>CS</li>
<li>BDA</li>
<li>CBA</li>
</ul>
</li>
</ul>
</div>
<br><br>
<div id="abc">
<h1 style="z-index:-1;padding-top:1px;"><center>ICT GANPAT UNIVERSITY</center></h1>
<P>Ganpat University Institute of Computer Technology (ICT) was established in the year 2014.
The institute is approved by the University Grants Commission (UGC) and approved by the All
India Council for Technical Education (AICTE). ICT offers degree courses in the discipline of
Information and Communication Technology, Big Data Analytics, Cyber Security, Cloud
Computing and many more.
</P>
<P>It provides specialization in different branches of Computer Science and Engineering field
such as Big Data Analysis, Cyber Security & Cloud Based Applications. Also, It is the only
Institute of Gujarat to have collaboration with IBM company and IBM has designed our course
plan.
Also, one subject in every semester is taught by the faculty of IBM company.
</P>
</div>
</body>
</html>
```
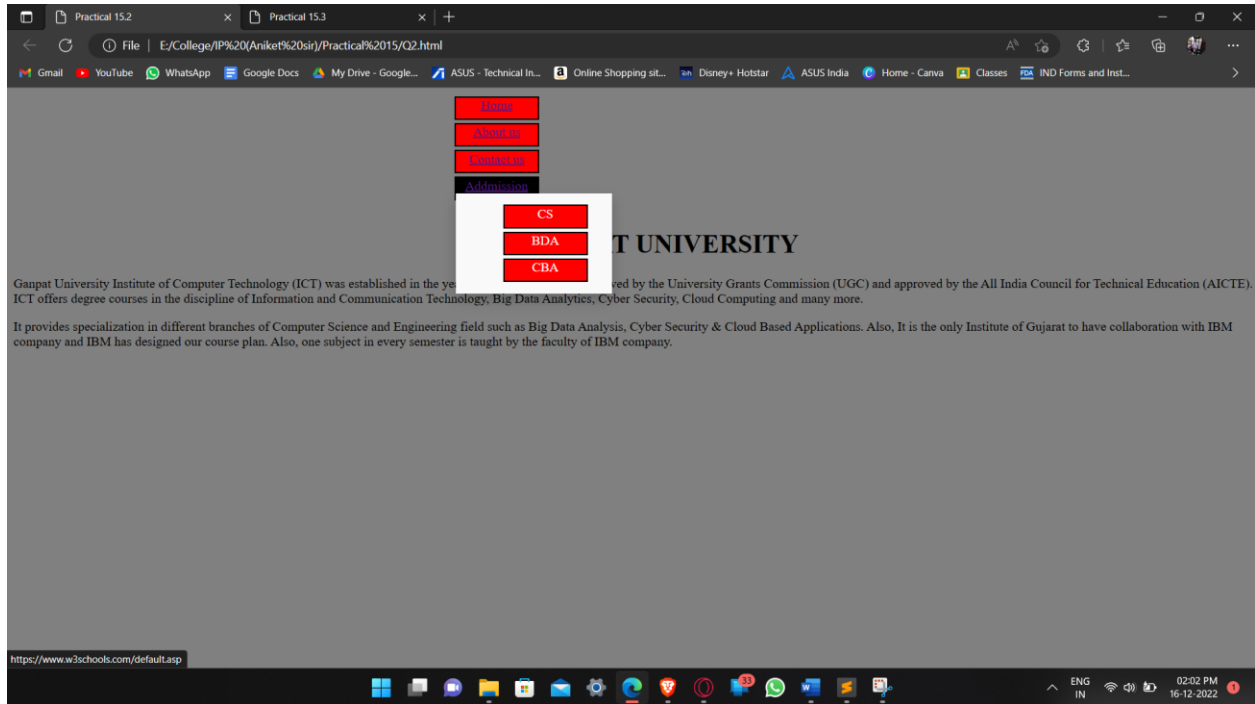
CSS:
```css
body{ background-color:gray;
}
h1:hover{
color:yellow;
background-color:black;
```

```css
border:2px solid green;
margin-top:25px;
padding-top:10px;
}
#abc{
position:absolute;
top:150px;
}
p:hover{
color:yellow;
background-color:green;
border:2px solid black;
}
.bon{
padding-left:500px;
width:100px;
}
.bon ul{ list-style:none; margin- top:2%;
}
.bon ul li {
background:red; border:2px solid black; width:100px; height:25px; text-align:center; float:left;
margin:2px;
}
.bon ul li:hover{ background-color:black; color:white;
}
.bon ul li:hover > ul{ display:block;
}
.bon ul ul ul{ background-color:gray;
}
.dropdown{
position:relative;
display:inline-block;
}
.dropdown-content{
display: none;
 position: absolute;
 background-color: #f9f9f9;
 min-width: 160px;
 box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
 padding: 12px 16px;
```

```
  z-index: 1;
}
.dropdown:hover .dropdown-content {
  display: block;
}
```

Output:



3. Create a copy of Practical 10 – Exercise 4 which is a login page and make it responsive for mobile device as said below :
   - Change background color to any appropriate color that best matches to your page.
   - Decrease width of <input> tags accordingly.

```
 Code:
<html>
<head>
<title>Practical 15.3</title>
<link rel="stylesheet" type="text/css" href="p15q3.css">
</head>
<body style="background-color:#ADD8E6;">
<h1><u><center><strong>Login Form</strong></center></u></h1><br>
<div class="login">
<form>
<label>E-mail: &nbsp&nbsp&nbsp&nbsp</label>
```

```html
<input type="email" placeholder="someone@xyz.com" required
autofocus><br><br>
<label>Password: </label>
<input type="password" pattern="(?=.*\d)(?=.*[A-Z])(?=.*[a-z])(?=.*?[#?!@$%^&*-
_\]\[]).{6,8}" placeholder="Enter your Password(6-8 Characters)" title="Must contain
at least one number,one uppercase,one lowercase letter and special charcater, and 6 to
8 characters" required><br><br>
<input type="submit" value="Submit">
<input type="reset" value="Reset">
</form>
</div>
</body>
</html>
```

CSS:
```css
input[type=email]{
    max-width:150px;
    padding-left:20px;
    border-bottom:1px solid gray;
}
input[type=password]{
    max-width:150px;
    padding-left:20px;
    border-bottom:1px solid gray;
}
.login{
    background-color:silver;
    color:black;
}
input[type=email]:focus{
    background-color:gray;
    color:white;
    border:3px solid red;
}
input[type=password]:focus{
    background-color:gray;
    color:white;
    border:3px solid red;
}
input[type=submit]{
    max-width:300px;
    background-color:gray;
    color:white;
```

}
Output: