Course Code: CAP 774	Course Instructor: Mr. Bilal Ahmad	
Course Title: Style Scripting	Roll Number: B55	
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Assignment: 03	Page Number: 01	Total Pages: 07

Question 1: Create a webpage to develop an image gallery. Images should provide the navigation to other pages.

Code:

```
<html>
<head>
    <h1><center>IT COMPANY GALLERY</center></h1>
<style>
div.gallery {
margin: 5px;
border: 1px solid #ccc;
float: left;
width: 180px;
}
div.gallery:hover {
border: 1px solid #777;
}
div.gallery img {
width: 100%;
```

```
height: auto;
}
div.desc {
padding: 15px;
text-align: center;
}

</style>
</head>
<title> Photos gallery</title>
<body>

<div class="gallery">
<a target="_blank" href="https://www.cognizant.com/">
<img src="cognizant logo.png" alt="Culture" width="100" height="500">
</a>

<div class="desc">Cognizant technology limited</div>
</div>
<div class="gallery">
<a target="_blank" href="https://www.wipro.com/">
```

```
<img src="wipro-logo.jpg" alt="Flag" width="600" height="400">
</a>
<div class="desc">Wipro Limited</div>

</div>
<div class="gallery">
<a target="_blank" href="https://www.tcs.com/">
<img src="tcs logo.jpg" alt="Tata car" width="600" height="400">
</a>

<div class="desc">TCS Tata Consultancy Services</div>
</div>
<div class="gallery">
<a target="_blank" href="https://www.mindtree.com/">
<img src="mindtree-logo.jpg" alt="Apple log" width="600" height="400">
</a>
<div class="desc">Mindtree limited</div>
</div>
</body>
</html>
```

```
<html>
<head>
    <h1><center>IT COMPANY GALLERY</center></h1>
<style>
div.gallery {
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<title> Photos gallery</title>
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<div class="gallery">
<a target="_blank" href="https://www.cognizant.com/">
<img src="cognizant logo.png" alt="Culture" width="100" height="500">
</a>
<div class="desc">Cognizant technology limited</div>
</div>

<div class="gallery">
<a target="_blank" href="https://www.wipro.com/">
<img src="wipro-logo.jpg" alt="Flag" width="600" height="400">
</a>
<div class="desc">Wipro Limited</div>
</div>

<div class="gallery">
<a target="_blank" href="https://www.tcs.com/">
<img src="tcs logo.jpg" alt="Tata car" width="600" height="400">
</a>
```
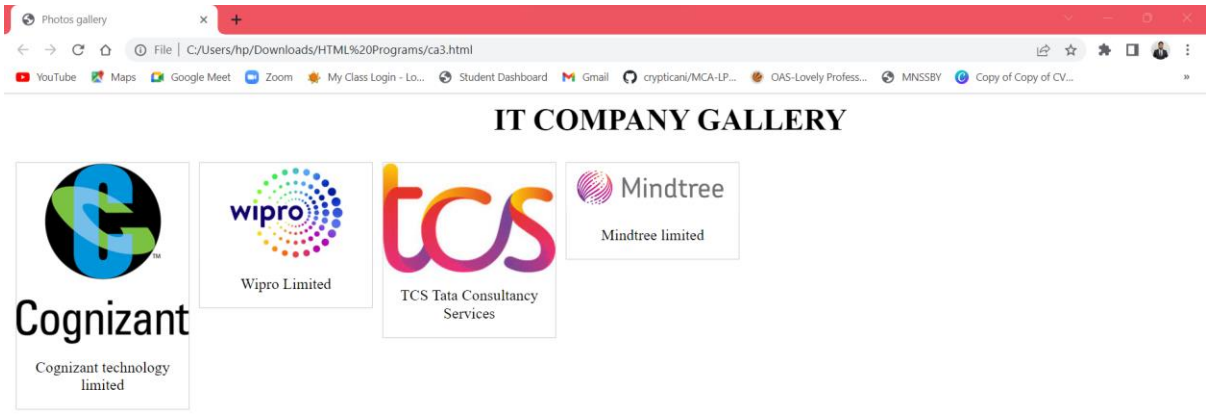

```
  <div class="desc">TCS Tata Consultancy Services</div>
  </div>

  <div class="gallery">
  <a target="_blank" href="https://www.mindtree.com/">
  <img src="mindtree-logo.jpg" alt="Apple log" width="600" height="400">
  </a>
  <div class="desc">Mindtree limited</div>
  </div>

  </body>
  </html>
```

OUTPUT



Question 2: Write a java script program to convert decimal to binary.

Code:

```
function convertToBinary(x) {
    let bin = 0;
    let rem, i = 1, step = 1;
    while (x != 0) {
        rem = x % 2;
        console.log(
```

`Step ${step++}: ${x}/2, Remainder = ${rem}, Quotient = ${parseInt(x/2)}`

```
        );
        x = parseInt(x / 2);
        bin = bin + rem * i;
        i = i * 10;
    }
    console.log(`Binary: ${bin}`);
}
```

```
function convertToBinary(x) {
    let bin = 0;
    let rem, i = 1, step = 1;
    while (x != 0) {
        rem = x % 2;
        console.log(
            `Step ${step++}: ${x}/2, Remainder = ${rem}, Quotient = ${parseInt(x/2)}`
        );
        x = parseInt(x / 2);
        bin = bin + rem * i;
        i = i * 10;
    }
    console.log(`Binary: ${bin}`);
}
```

OUTPUT

```
> function convertToBinary(x) {
    let bin = 0;
    let rem, i = 1, step = 1;
    while (x != 0) {
        rem = x % 2;
        console.log(
            `Step ${step++}: ${x}/2, Remainder = ${rem}, Quotient =
${parseInt(x/2)}`
        );
        x = parseInt(x / 2);
        bin = bin + rem * i;
        i = i * 10;
    }
    console.log(`Binary: ${bin}`);
}
< undefined
> convertToBinary(10)
  Step 1: 10/2, Remainder = 0, Quotient = 5                    VM52:6
  Step 2: 5/2, Remainder = 1, Quotient = 2                     VM52:6
  Step 3: 2/2, Remainder = 0, Quotient = 1                     VM52:6
  Step 4: 1/2, Remainder = 1, Quotient = 0                     VM52:6
  Binary: 1010                                                 VM52:13
< undefined
>
```