

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/">
```

```

```

```
</a>
```

```
<div class="desc">Cognizant technology limited</div>
```

```
</div>
```

```
<div class="gallery">
```

```
<a target="_blank" href="https://www.wipro.com/">
```

```

```

```
</a>
```

```
<div class="desc">Wipro Limited</div>
```

```
</div>
```

```
<div class="gallery">
```

```
<a target="_blank" href="https://www.tcs.com/">
```

```

```

```
</a>
```

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

```
</div>
```

```
<div class="gallery">
```

```
<a target="_blank" href="https://www.mindtree.com/">
```

```

```

```
</a>
```

```
<div class="desc">Mindtree limited</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

```

1  <html>
2  <head>
3  |   <h1><center>IT COMPANY GALLERY</center></h1>
4  <style>
5  div.gallery {
6  margin: 5px;
7  border: 1px solid #ccc;
8  float: left;
9  width: 180px;
10 }
11
12 div.gallery:hover {
13 border: 1px solid #777;
14 }
15
16 div.gallery img {
17 width: 100%;
18 height: auto;
19 }
20
21 div.desc {
22 padding: 15px;
23 text-align: center;
24 }
25 </style>
26 </head>
27 <title> Photos gallery</title>
28 <body>
29
30 <div class="gallery">
31 <a target="_blank" href="https://www.cognizant.com/">
32 
33 </a>
34 <div class="desc">Cognizant technology limited</div>
35 </div>
36
37 <div class="gallery">
38 <a target="_blank" href="https://www.wipro.com/">
39 
40 </a>
41 <div class="desc">Wipro Limited</div>
42 </div>
43
44 <div class="gallery">
45 <a target="_blank" href="https://www.tcs.com/">
46 
47 </a>

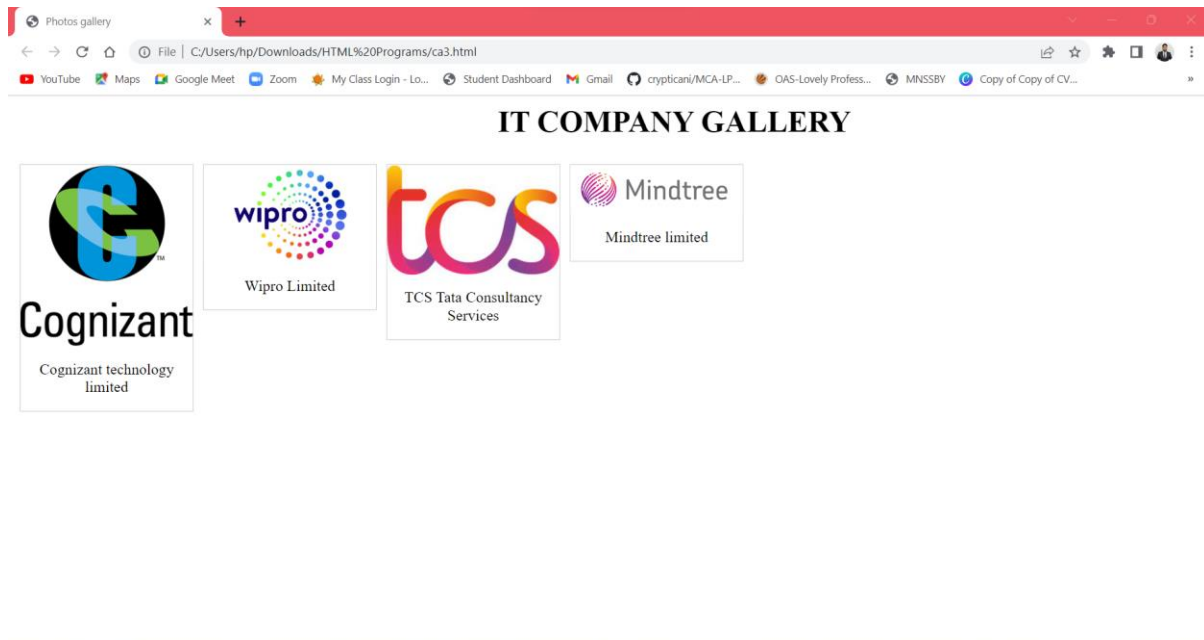
```

```

48 <div class="desc">TCS Tata Consultancy Services</div>
49 </div>
50
51 <div class="gallery">
52 <a target="_blank" href="https://www.mindtree.com/">
53 
54 </a>
55 <div class="desc">Mindtree limited</div>
56 </div>
57
58 </body>
59 </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

>