

## Experiment 4

### PART B

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Class: B. Tech. Comp. Engg.	Batch: E3
Date of Experiment: 14-03-2015	Date of Submission:
Grade :	

#### B.1 Software Code written by student:

##### Home Page

```
<html>

<head>

<link rel="stylesheet" type="text/css" href="button.css">

<link rel="stylesheet" type="text/css" href="new.css">

<title>Gadget Showcase</title>

<div class="main">

<div onmouseover="document.getElementById('div1').style.display = 'block';"
onmouseout="document.getElementById('div1').style.display = 'none';" >

<h1><center><font color="white" face="Trebuchet MS">Gadget
Showcase</font></center></h2>

<div id="div1" style="display: none;"><h3 align="center"><font color = "white">Know
Technology Better</font></h3></div>

</div>

</head>
```

```
<body background="g2.jpg">
```

```
<div class="resp">
```

```
<div id="slider">
```

```
<div class="btn">
```

```
<center><a href="p8.html"><font color = "white">Register</font></a></center>
```

```
</div>
```

```
<div class="btn">
```

```
<center><a href="p2.html"><font color = "white">Enter The Site</font></a></center>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

**Page2**

```
<html>
```

```
<head>
```

```
<link rel="stylesheet" type="text/css" href="button.css">
```

```
<link rel="stylesheet" type="text/css" href="mycss.css">
```

```
<h1><center><font color="white" face="Trebuchet MS">Gadget  
Showcase</font></center></h1>
```

```
</head>
```

```
<body bgcolor="silver">
```

```
<center><H2>Available Tech Info</h2></center>
```

```
<div class="btn">
```

```
<center><a href="p1.html"><font color = "white">Home</font></a></center>
```

```
</div>
```

```
<STYLE type="text/css">
```

```
<!--
```

```
A:hover { background-image:url(http://www.pageresource.com/backimgs/back58.jpg) }
```

```
-->
```

```
</STYLE>
```

```
<center>
```

```
<table>
```

```
<tr>
```

<td>Sr. No.</td>

<td>Name</td>

</tr>

<tr>

<td>1.</td>

<TD style="width:100%; background-color:black"

onMouseover="this.style.backgroundColor='red';"

onMouseout="this.style.backgroundColor='black';"><a href="p3.html">iPad</a></td>

</tr>

<tr>

<td>2.</td>

<TD style="width:100%; background-color:black"

onMouseover="this.style.backgroundColor='yellow';"

onMouseout="this.style.backgroundColor='black';"><a href="p4.html">Nexus</a></td>

</tr>

<tr>

<td>3.</td>

<TD style="width:100%; background-color:black"

onMouseover="this.style.backgroundColor='lightblue';"

onMouseout="this.style.backgroundColor='black';"><a href="p5.html">Nikon  
DSLRs</a></td>

</tr>

<tr>

<td>4.</td>

<TD style="width:100%; background-color:black"

onMouseover="this.style.backgroundColor='lightgreen';"

onMouseout="this.style.backgroundColor='black';"><a href="p6.html">Apple Watch</a></td>

</tr>

<tr>

<td>5.</td>

<TD style="width:100%; background-color:black"

onMouseover="this.style.backgroundColor='lightpink';"

onMouseout="this.style.backgroundColor='black';"><a href="p7.html">Oculus Rift</a></td>

</tr>

</table>

</center>

</body>

</html>

**Page3**

<html>

<head>

```
<link rel="stylesheet" type="text/css" href="button.css">
```

```
<link rel="stylesheet" type="text/css" href="mycss.css">
```

```
<link rel="stylesheet" type="text/css" href="flip.css">
```

```
<h1><center><font color="white" face="Trebuchet MS">iPad Mini</font></center></h2>
```

```
</head>
```

```
<body bgcolor="silver">
```

```
<div class="btn">
```

```
<center><a href="p2.html"><font color = "white">Back</font></a></center>
```

```
</div>
```

```
<div class="flip-container" ontouchstart="this.classList.toggle('hover');">
```

```
  <div class="flipper">
```

```
    <div class="front">
```

```
    <IMG STYLE="position:absolute; TOP:50px; LEFT:800px; WIDTH:400px; HEIGHT:550px"
    SRC="ipad.png">
```

```
    </div>
```

```
    <div class="back">
```

```
    <IMG STYLE="position:absolute; TOP:50px; LEFT:800px; WIDTH:400px; HEIGHT:550px"
    SRC="ipad2.jpg">
```

```
    </div>
```

```
  </div>
```

```
</div>
```

```
<ul>

<br><br><br>

<li>So many innovations, but it still fits perfectly in your hand.</li><br>

<li>Security based on a one-of-a-kind design: your fingerprint.</li><br>

<li>Desktop-class architecture.</li><br>

<li>No desktop required.</li><br>

<li>FaceTime HD and iSight cameras. So many reasons to smile.</li><br>

<li>Advanced wireless. Do more in more places.</li><br>

<li>Apps designed for iPad. And everything you want to do with it.</li><br>

<li>iOS 8 and iPad mini 3. A powerful combination.</li><br>

<li>Even the covers are more brilliant.</li>

</ul>
```

```
</body>
```

```
</html>
```

## **Button.CSS**

```
.btn {

  -webkit-border-radius: 28;

  -moz-border-radius: 28;

  border-radius: 28px;

  color: #f5f2f5;

  font-size: 20px;

  background: #262829;

  padding: 7px 19px 9px 19px;
```

```
text-decoration: none;
}
```

```
.btn:hover {
  background: #3cb0fd;
  text-decoration: none;
}
```

## **Flip.CSS**

```
/* entire container, keeps perspective */
```

```
.flip-container {
  perspective: 1000;
}
```

```
/* flip the pane when hovered */
```

```
.flip-container:hover .flipper, .flip-container.hover .flipper {
  transform: rotateY(180deg);
}
```

```
.flip-container, .front, .back {
  width: 320px;
  height: 480px;
}
```

```
/* flip speed goes here */
```

```
.flipper {
  transition: 0.6s;
```



```
        transform-style: preserve-3d;

        position: relative;
    }

    /* hide back of pane during swap */
    .front, .back {
        backface-visibility: hidden;

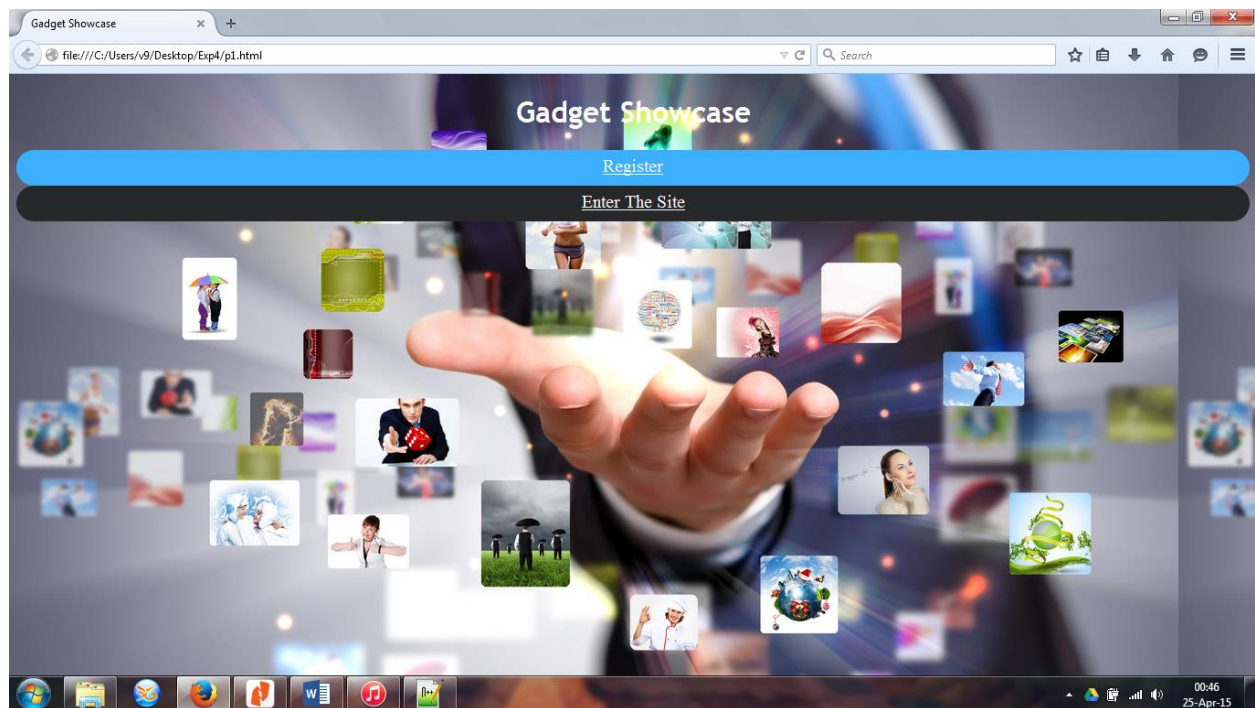
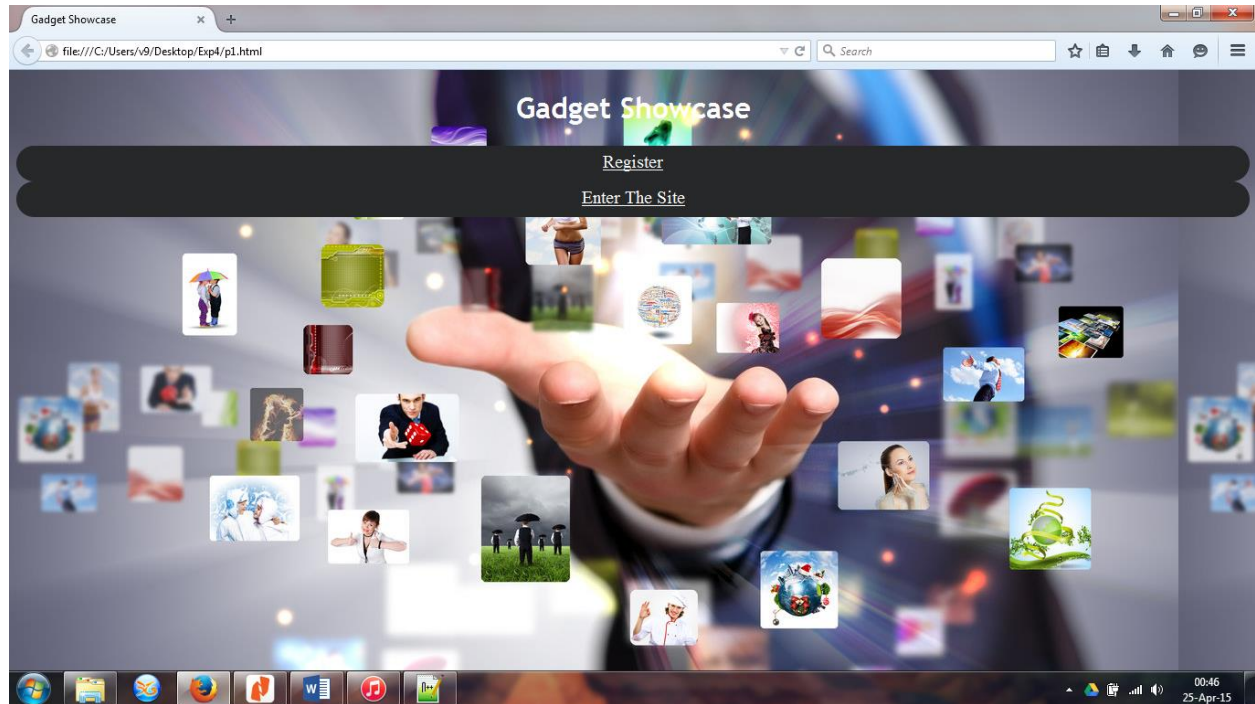
        position: absolute;
        top: 0;
        left: 0;
    }

    /* front pane, placed above back */
    .front {
        z-index: 2;

        /* for firefox 31 */
        transform: rotateY(0deg);
    }

    /* back, initially hidden pane */
    .back {
        transform: rotateY(180deg);
    }
```

## B.2 Input and Output:



file:///C:/User...op/Exp4/p2.html x

file:///C:/Users/v9/Desktop/Exp4/p2.html Search

## GADGET SHOWCASE

### AVAILABLE TECH INFO

HOME

SR. NO.	NAME
1.	<a href="#">IPAD</a>
2.	<a href="#">NEXUS</a>
3.	<a href="#">NIKON DSLRS</a>
4.	<a href="#">APPLE WATCH</a>
5.	<a href="#">OCULUS RIFT</a>

file:///C:/Users/v9/Desktop/Exp4/p3.html

00:47 25-Apr-15

file:///C:/User...op/Exp4/p2.html x

file:///C:/Users/v9/Desktop/Exp4/p2.html Search

## GADGET SHOWCASE

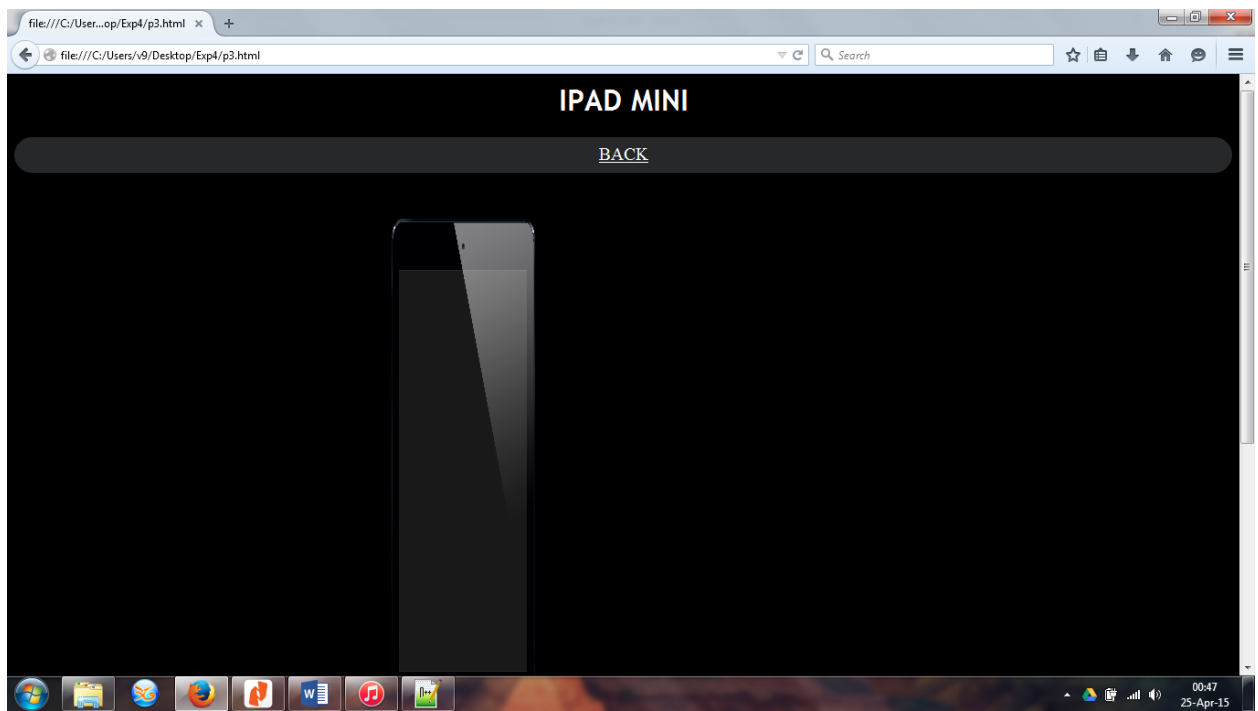
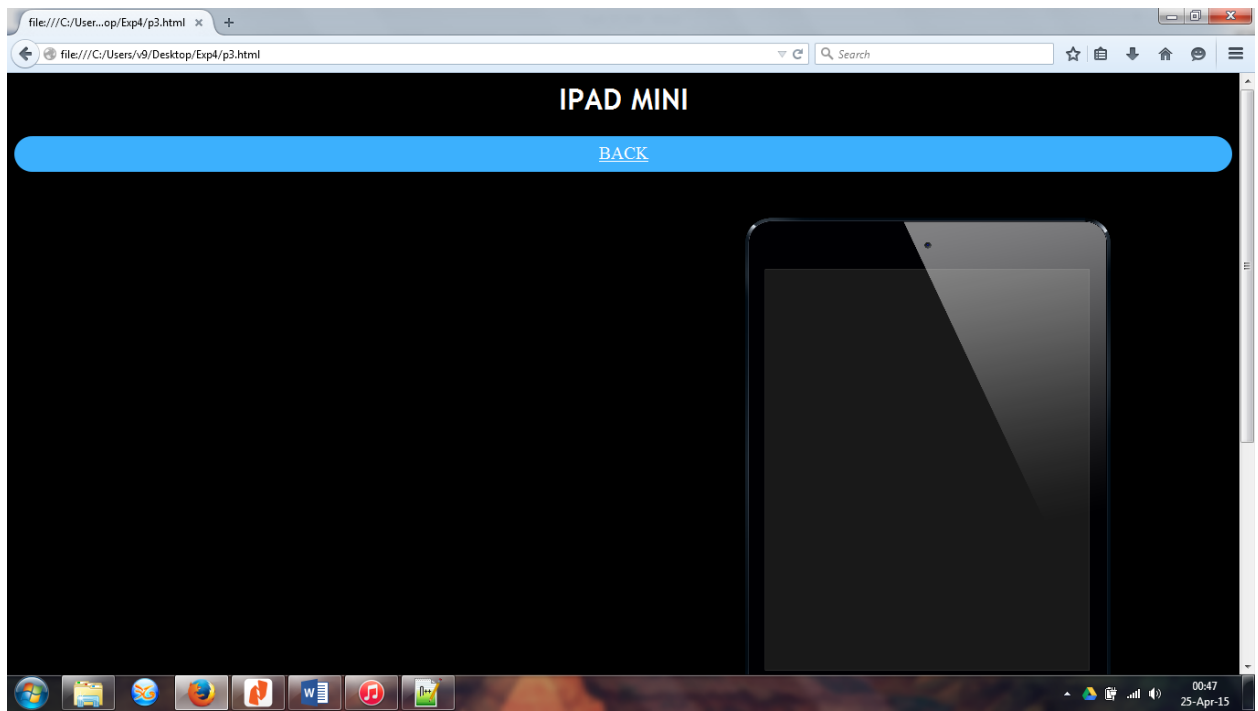
### AVAILABLE TECH INFO

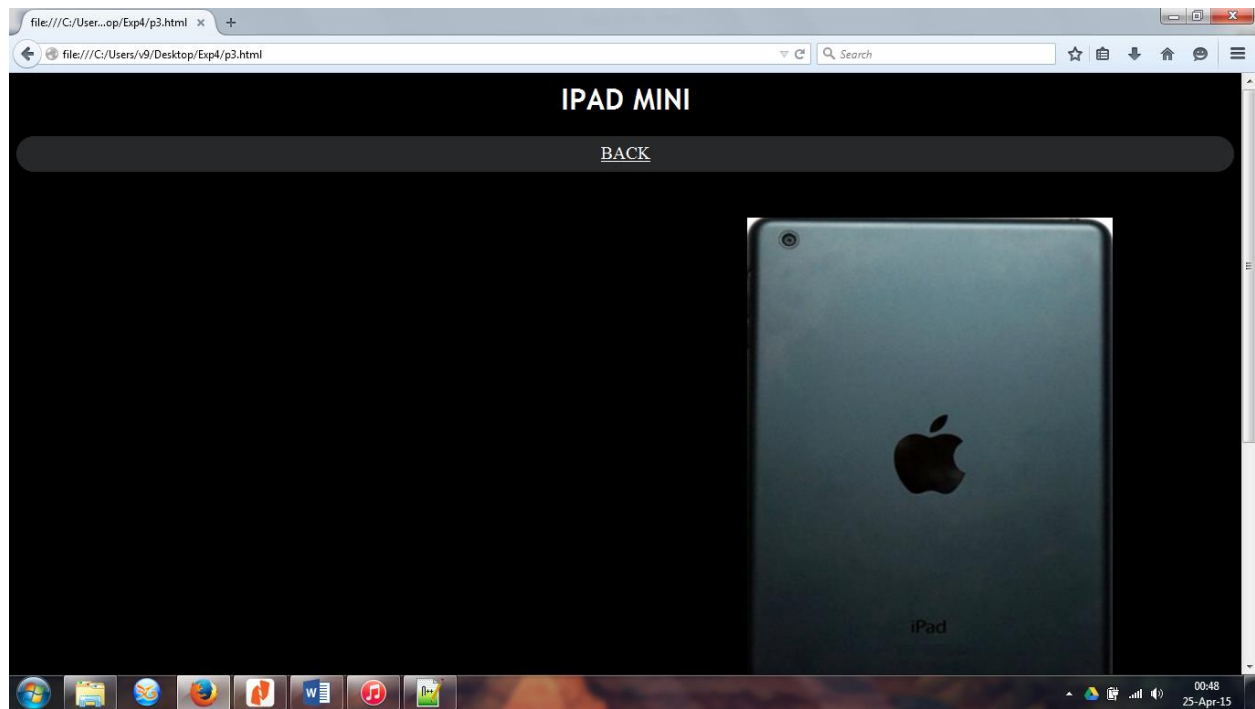
HOME

SR. NO.	NAME
1.	<a href="#">IPAD</a>
2.	<a href="#">NEXUS</a>
3.	<a href="#">NIKON DSLRS</a>
4.	<a href="#">APPLE WATCH</a>
5.	<a href="#">OCULUS RIFT</a>

file:///C:/Users/v9/Desktop/Exp4/p6.html

00:47 25-Apr-15





### **B.3 Observations and learning:**

It has been observed how every single element present in a webpage can be accessed and modified using a combination of HTML and Javascript, using function calls and DOM tree model.

### **B.4 Conclusion:**

Thus, DHTML concepts have been understood and implemented on my website.

### **B.5 Question of Curiosity**

1) What are the limitations in HTML and CSS which are overcome with DHTML?

A1. The actual elements of a webpage cannot be changed while using only HTML and CSS. The more interactivity a website has with the user, the more comfortable and in control a user will feel. This can be achieved by modifying the already present elements in a website, and that is achieved using concepts of DHTML. Thus, the static nature of websites is a limitation of HTML and CSS that's been overcome using DHTML.