

## EXPERIMENT NO: 10

**AIM:** Create a webpage with rollovers effect.

### Lab Outcomes:

1. To create rollover effect on web page

### Theory:

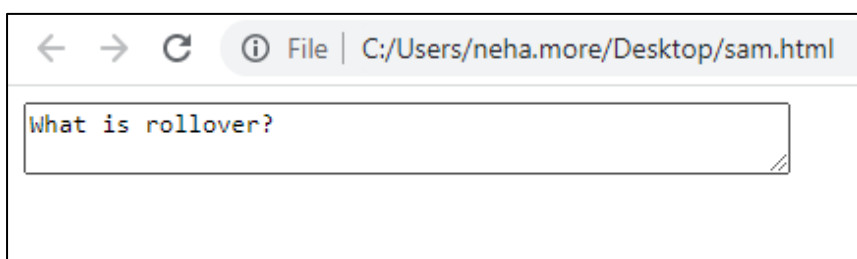
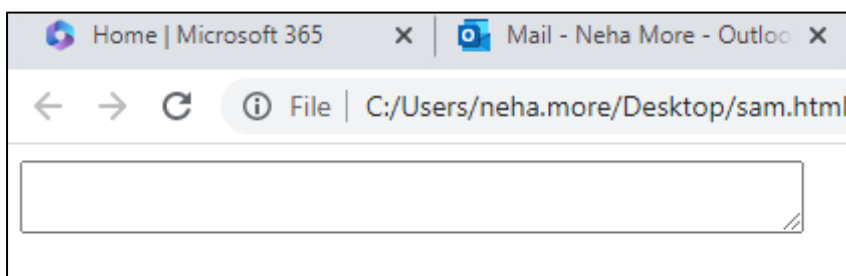
Rollover means a webpage changes when the user moves his or her mouse over an object on the page. It is often used in advertising. There are two ways to create rollover, using plain HTML or using a mixture of JavaScript and HTML. We will demonstrate the creation of rollovers using both methods.

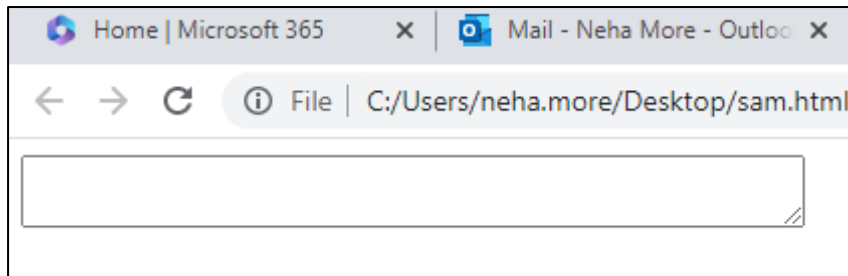
### Creating Rollovers using HTML

The keyword that is used to create rollover is the `<onmouseover>` event. For example, we want to create a rollover text that appears in a text area. The text “What is rollover?” appears when the user place his or her mouse over the text area and the rollover text changes to “Rollover means a webpage changes when the user moves his or her mouse over an object on the page” when the user moves his or her mouse away from the text area.

#### Example 1:

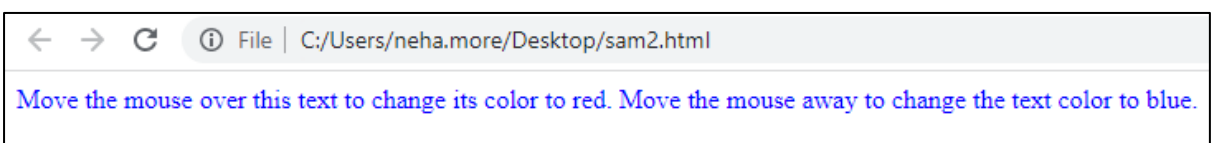
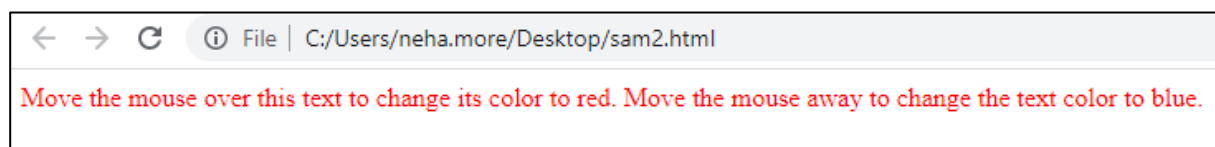
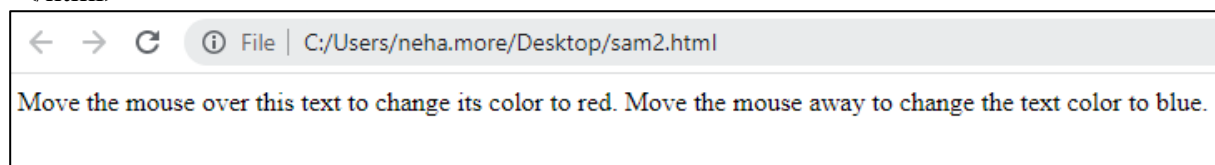
```
<HTML>
<head></head>
<Body>
<textarea rows="2" cols="50" name="rollovertext" onmouseover="this.value='What is
rollover?'"
onmouseout="this.value='Rollover means a webpage changes when the user moves his or
her mouse over an object on the page'"></textarea>
</body>
</html>
```





**Example:2** To create a rollover effect that can change the color of its text using the style attribute.

```
<html>
<body>
<p
onmouseover="this.style.color='red'"
onmouseout="this.style.color='blue'">
Move the mouse over this text to change its color to red. Move the mouse away to
change the text color to blue.
</p>
</body>
</html>
```



### Example 3:

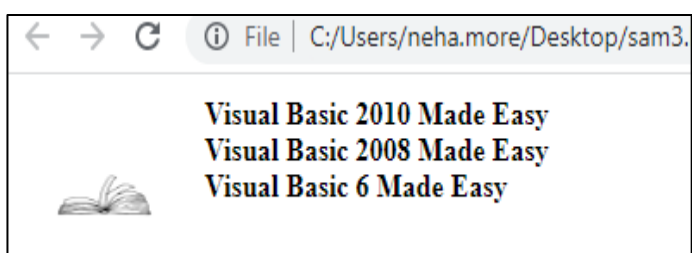
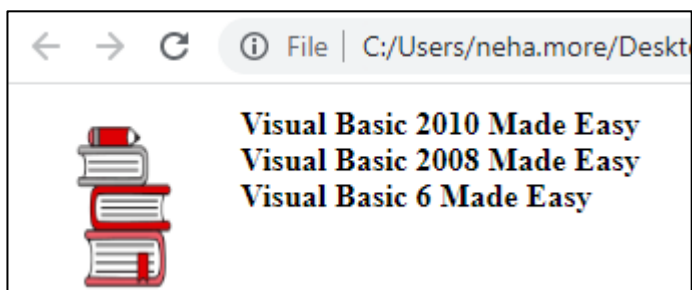
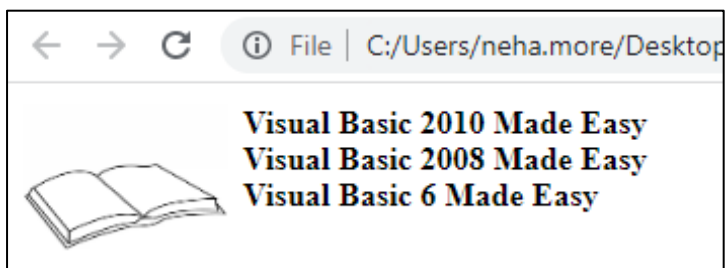
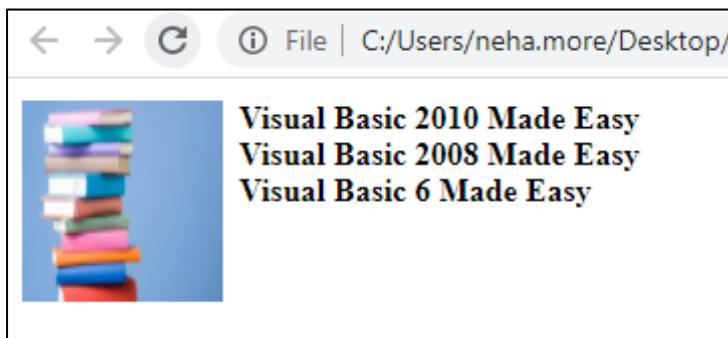
To create rollover effect that involves text and images. When the user places his or her mouse pointer over a book title, the corresponding book image appears.

```
<html>
<head>
<title>Rollover Effect</title>
</head>
<body>
<table>
<tbody>
```

```

<tr valign="top">
<td width="50">
<a></a>
</td><td></td>
<td><a onmouseover="document.book.src='a.png'"><b>Visual Basic 2010 Made
Easy</b></a>
<br>
<a onmouseover="document.book.src='b.png'"><b>Visual Basic 2008 Made Easy</b></a>
<br>
<a onmouseover="document.book.src='c.png'"><b>Visual Basic 6 Made Easy</b></a>
<br>
</td>
</tr>
</tbody>
</table>
</body>
</html>

```



## Creating Rollovers Using JavaScript

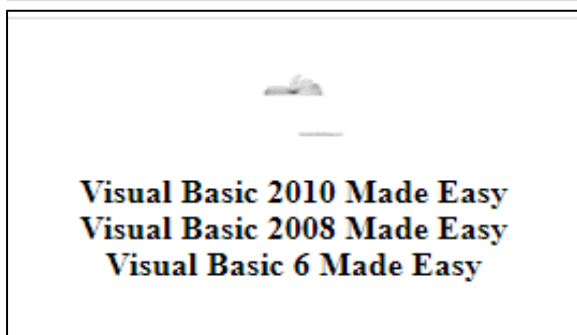
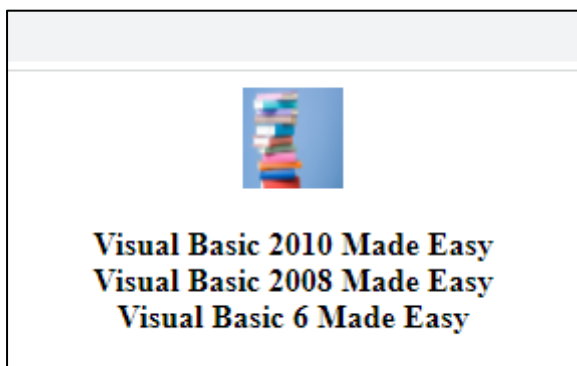
Though HTML can be used to create rollovers, it can only performs simple actions. If you wish to create more powerful rollovers, you need to use JavaScript. To create rollovers in JavaScript, we need to create a JavaScript function.

In this example, we have created an array *MyBooks* to store the images of three book covers. Next, we create a *ShowCover(book)* to display the book cover images on the page. Finally, we call

the *ShowCover* function using the *onmouseover* event.

### Example:4

```
<html>
<head>
<script language="Javascript">
MyBooks=new Array('c.png','a.png','b.png')
book=0
function ShowCover(book){ document.DisplayBook.src=MyBooks[book]
}</script></head>
<body>
<body>
<P align="center"><p>
<center>
<table border=0>
<tr>
<td align=center><a onmouseover="ShowCover(0)"><b>Visual Basic 2010 Made
Easy</b></a><br>
<a onmouseover="ShowCover(1)"><b>Visual Basic 2008 Made Easy</b></a><br>
<a onmouseover="ShowCover(2)"><b>Visual Basic 6 Made Easy</b></a><br>
</td>
</tr>
</table>
</body>
</html>
```





**Visual Basic 2010 Made Easy**  
**Visual Basic 2008 Made Easy**  
**Visual Basic 6 Made Easy**



**Visual Basic 2010 Made Easy**  
**Visual Basic 2008 Made Easy**  
**Visual Basic 6 Made Easy**

## **CONCLUSION:**

Thus, we have implemented rollover to produce an effect in which the appearance of a graphical image changes when the user rolls the mouse pointer over it.