

| | |
|-----------------|--|
| Ex. No:1 | BUTTON CREATION USING BOOTSTRAP CLASS |
| Date: | |

AIM

To use a Bootstrap class to style the button property with a red colour.

PROCEDURE

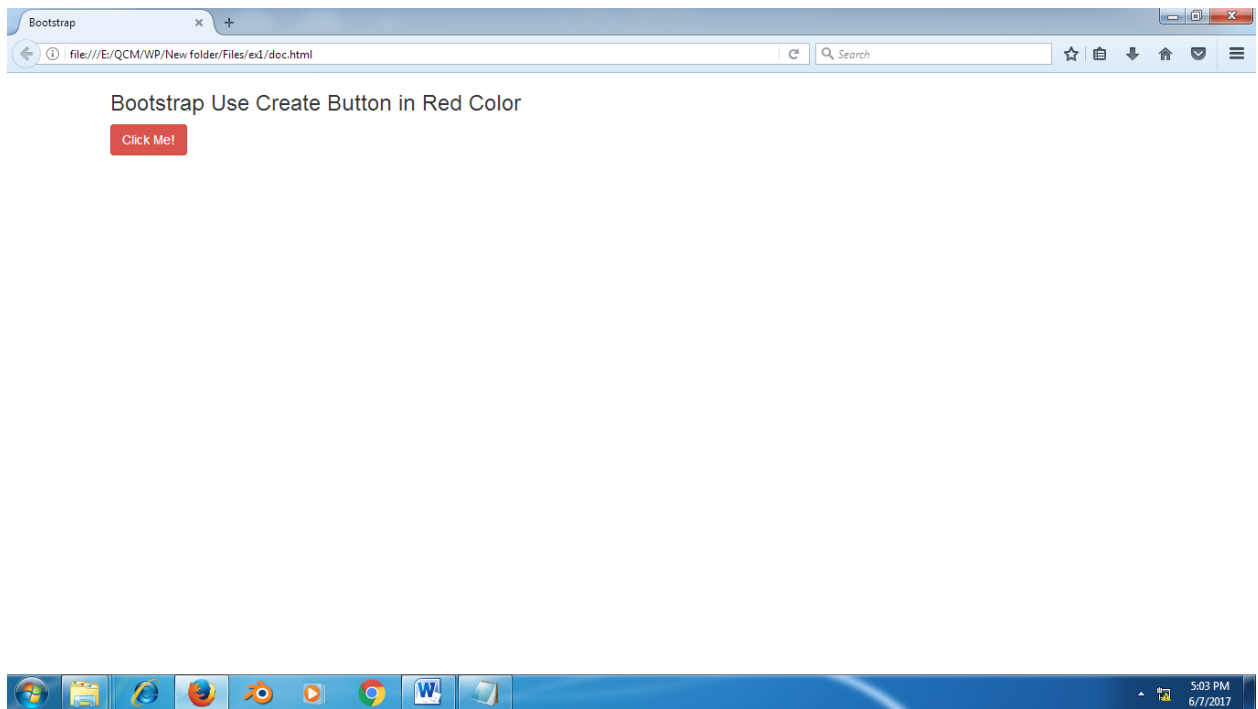
1. Create an HTML File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. Use css/bootstrap.min.css class
3. Use container class for right padding.
4. Create red colour button using class='btn btn-danger'

PROGRAM

File Name: doc.html

```
<html>
  <head>
    <title>Bootstrap</title>
    <link href="css/bootstrap.min.css" rel="stylesheet">
  </head>
  <body>
    <div class='container'>
      <h3>Bootstrap Use Create Button in Red Color</h3>
      <button type='submit' class='btn btn-danger'>Click Me! </button>
    </div>
  </body>
</html>
```

OUTPUT



RESULT

A simple webpage was designed with red colour button using Bootstrap class and executed successfully.

BUTTON CREATION USING BOOTSTRAP CLASS

PART- B SCL WORKSHEET

Worksheet No : 1 **Date:**

| | | | |
|-----------|--|-----------|--------------|
| 1. | What is Twitter Bootstrap? | | |
| Ans: | | | |
| 2. | What is the use of HR tag? Give an example. | | |
| Ans: | | | |
| 3. | What are Bootstrap media queries? | | |
| Ans: | | | |
| 4. | Explain hyper link. | | |
| Ans: | | | |
| 5. | What is the use of PRE tag? Give an example. | | |
| Ans: | | | |
| 6. | Define SRC attribute in IMG tag. | | |
| Ans: | | | |
| 7. | What is the use of meta tag? Give its general from. | | |
| Ans: | | | |
| 8. | Name the correct HTML tag for inserting a line break? | | |
| Ans: | a) <lb /> | b) | c) <break /> |

| | | | |
|------------|--|------------------------------------|--------------------------|
| 9. | Rather than using Hspace and Vspace you can use which of the following for adding spacing to your image ? | | |
| Ans: | a) height and width | b) 1x1 pixel transparent image | c) align=+2 |
| 10. | Which of these is not valid HTML? | | |
| Ans: | a) | b)<fontface="verdana"> | c) |
| 11. | One should never combine the "start" and "type" option ? | | |
| Ans: | a) True | b) Sometimes True, sometimes False | c) False |
| 12. | Which format usually works best for photos ? | | |
| Ans: | a) JPG | b) HTML | c) GIF |
| 13. | <a> and are the tags used for | | |
| Ans: | a) Audio-voiced text | b) Adding links to your page | c) Aligning text |
| 14. | Where you place <title> tag in your HTML? | | |
| Ans: | a) Head | b) Arm | c) Body |
| 15. | Who is making the Web standards? | | |
| Ans: | a) The World Wide Web Consortium | b) Mozilla | c) Microsoft |

BUTTON CREATION USING BOOTSTRAP CLASS

PART – C INFERENCE AND APPLICATIONS

INFERENCE

1. What have you inferred from this experiment?

Ans:

EXERCISE

1. Create a web page to design a different colour buttons using Bootstrap.

Ans:

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ASSESSMENT

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|-----------------|--------------------------------------|
| Ex. No:2 | DROPDOWN MENU USING BOOTSTRAP |
| Date: | |

AIM

Design a HTML page using Bootstrap to make the dropdown menu expand upwards instead of downwards when clicking on it.

PROCEDURE

1. Create an HTML File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. **Use select class for multiple choice.**
3. **<OPTION> tag helps to list out the choices.**
4. Use dropup class for upwards list.

PROGRAM

File Name: dropup.html

```
<html>

  <head>

    <title>Bootstrap</title>

    <link href="css/bootstrap.min.css" rel="stylesheet">

    <link href="css/font-awesome/css/font-awesome.min.css" rel="stylesheet"
type="text/css">

  </head>

  <body>

    <div class="container">

      <div class='col-md-offset-4 col-md-5' style='margin-top:110px;'>

        <h3 class='text-center page-header'>Bootstrap Use Drop Down
Menu</h3>

        <form autocomplete='OFF'>

          <div class="form-group text-success">

            <label>User Name</label>

            <input type='text' class='form-control'
placeholder='Enter User Name'>
```

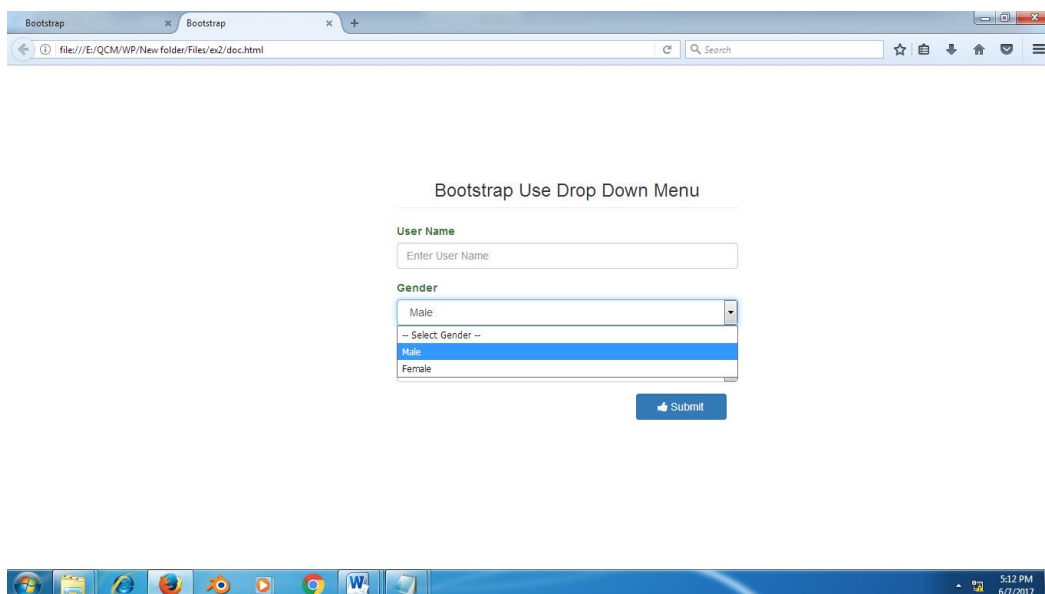


```

</div>
<div class="dropdown">
    <label>Department</label>
    <select class="form-control">
        <option>-- Select Department --</option>
        <option>CSE</option>
        <option>ECE</option>
        <option>EEE</option>
    </select>
</div>
</form>
</div>
</div>
</body>
</html>

```

OUTPUT



RESULT

Thus the above program executed successfully and output was verified.

DROPDOWN MENU USING BOOTSTRAP

PART- B SCL WORKSHEET

Worksheet No : 2

Date:

| | | | |
|------|--|-------------------|----------------|
| 1. | Define list and its types. | | |
| Ans: | | | |
| 2. | What are unordered list? | | |
| Ans: | | | |
| 3. | My hyperlink or image is not displaying correctly, what is wrong with it? | | |
| Ans: | | | |
| 4. | What is the purpose of using <u> tag? | | |
| Ans: | | | |
| 5. | For what purpose we use <mark> tag? | | |
| Ans: | | | |
| 6. | Is WebSQL a part of HTML 5 specification? | | |
| Ans: | | | |
| 7. | How to describe definition list? | | |
| Ans: | | | |
| 8. | A 6 digit Hex color (#FF9966) defines values of Red, Blue and Green in which order ? | | |
| Ans: | a) #BBRRGG | b) #BBGGRR | c) #RRGGBB |
| 9. | What does vlink mean ? | | |
| Ans: | a) visited link | b) very good link | c) active link |

| | | | |
|------------|---|--|--|
| 10. | What is the difference between HTML elements and tags? | | |
| Ans: | | | |
| 11. | Is it possible to link within the current page ? | | |
| Ans: | a) No | b) Only in framesets | c) Yes |
| 12. | Which is NOT a predefined target for links ? | | |
| Ans: | a) _son | b) _parent | c) _blank |
| 13. | What is the correct HTML tag for inserting a line break? | | |
| Ans: | a) <lb /> | b) | c) <break /> |
| 14. | What is the correct HTML for creating a hyperlink? | | |
| Ans: | a) Qualitypoint Technologies | b) Qualitypoint Technologies | c) <a>http: //www.qualitypointtech.c om |
| 15. | What tag tells where a link starts ? | | |
| Ans: | a) < > | b) <start> | c) <a> |

DROPDOWN MENU USING BOOTSTRAP

PART – C INFERENCE AND APPLICATIONS

| INFERENCE | |
|-----------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |

EXERCISE

1. Design a HTML page to create table using different border styles.

Ans:

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ASSESSMENT

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|-----------------|---|
| Ex. No:3 | DESIGNING A TIME TABLE USING BOOTSTRAP CLASS |
| Date: | |

AIM

To write a program using Bootstrap class to create a time table for the class.

PROCEDURE

1. Create an HTML File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. Use <HR> tag for applying Horizontal rule
3. Use <TABLE> tag to insert table into the web page.
4. Use <TR>, <TD> tags to insert the table row and data
5. Use tag to insert an image or picture
6. Use <P> tag to start a new paragraph
7. Use <PRE> tag to pre format the text
8. Use <A> tag for giving link to next web page
9. Create three links with the help of <A> tag, to include about your profile with FORWARD and BACKWARD and HOME facilities.

PROGRAM

class.html

```
<html><head><meta http-equiv="Content-Type" content="text/html; charset=windows-1252">
    <title>Bootstrap</title>
    <link href="/123_files/bootstrap.min.css" rel="stylesheet">
    <link href="/123_files/font-awesome.min.css" rel="stylesheet" type="text/css">
</head>
<body>
    <div class="container">
        <div class="col-md-offset-4 col-md-5" style="margin-top:110px;">
            <h3 class="text-center page-header">Time Table Using Bootstrap</h3>
            <div class="table-responsive">
                <table class="table table-bordered table-striped">
                    <thead class="text-success">
                        <tr><th>Day</th>
                        <th>1</th>
                        <th>2</th>
                        <th>3</th>
                        <th>4</th>
                        <th>5</th>
                    </tr></thead>
                    <tbody class="text-center">
                        <tr>
```

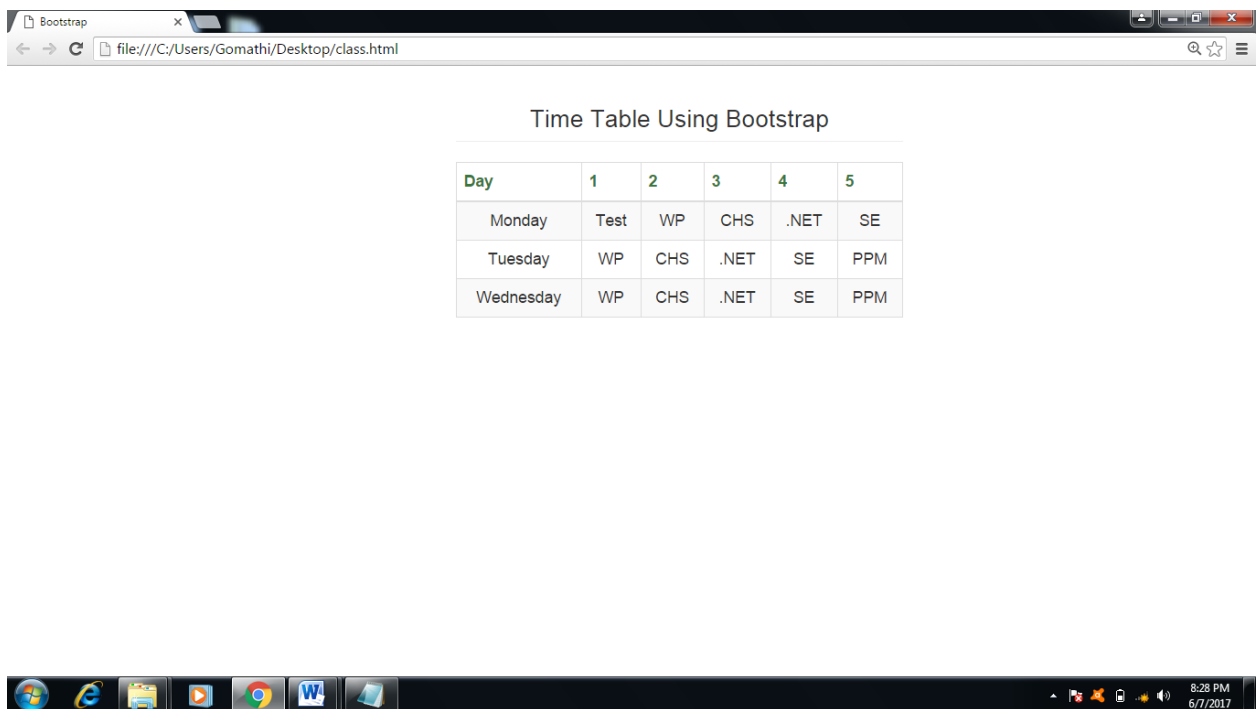


```

        <td>Monday</td>
        <td>Test</td>
        <td>WP</td>
        <td>CHS</td>
        <td>.NET</td>
        <td>SE</td>
    </tr>
    <tr>
        <td>Tuesday</td>
        <td>WP</td>
        <td>CHS</td>
        <td>.NET</td>
        <td>SE</td>
        <td>PPM</td>
    </tr>
    <tr>
        <td>Wednesday</td>
        <td>WP</td>
        <td>CHS</td>
        <td>.NET</td>
        <td>SE</td>
        <td>PPM</td>
    </tr>
</tbody>
</table>
</div>
</div>
</div>
</body>
</html>

```

OUTPUT



RESULT

Thus the above program was successfully executed and output was verified.

DESIGNING A TIME TABLE USING BOOTSTRAP CLASS

PART- B SCL WORKSHEET

| | | |
|-------------------------|--|--------------|
| Worksheet No : 3 | | Date: |
| 1. | Name three ways to define a color in html. | |
| Ans: | | |
| 2. | What are the main difference between CSS2 and CSS3? | |
| Ans: | | |
| 3. | Explain the difference between visibility:hidden; and display:none; ? | |
| Ans: | | |
| 4. | What are pseudo classes? | |
| Ans: | | |
| 5. | What are Style Sheets? | |
| Ans: | | |
| 6. | Can I nest tables within tables? | |
| Ans: | | |
| 7. | Expand CSS. | |
| Ans: | | |

| | | | |
|------------|--|---|--|
| 8. | Can you change Time Table background? | | |
| Ans: | | | |
| 9. | Static the use of <td> and <tr> tag? | | |
| Ans: | | | |
| 10. | Choose the correct HTML tag for the largest heading | | |
| Ans: | a) <h6> | b) <heading> | c) <h1> |
| 11. | What is the preferred way for adding a background color in HTML? | | |
| Ans: | a) <body background="yellow"> | b) <background>yellow</backgr ound> | c)<body style="background- color:yellow"> |
| 12. | Is width="100" and width="100%" were the same? | | |
| Ans: | | | |
| 13. | Which of the following HTML code is valid? | | |
| Ans: | a) | b) | c) <red> D) All of above are style tags |
| 14. | Which attribute you'll use with TD tag to merge two cells horizontally? | | |
| Ans: | a) merge=colspan2 | b) rowspan=2 | c) colspan=2 |
| 15. | The latest version of CSS is | | |
| Ans: | a) CSS1 | b) CSS2 | c) CSS3 |

DESIGNING A TIME TABLE USING BOOTSTRAP CLASS

PART – C INFERENCE AND APPLICATIONS

INFERENCE

1. What have you inferred from this experiment?

Ans:

EXCERCISE

1. Use a Bootstrap class to create the Active / Disabled buttons.

Ans:

ASSESSMENT

| | | | |
|--------------------------|--|--|-----|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|-----------------|---|
| Ex. No:4 | DESIGNING AN ADVERTISEMENT USING BOOTSTRAP CSS |
| Date: | |

AIM

To develop a web page to design an advertisement using Bootstrap CSS to set the background colors, fonts and columns.

PROCEDURE

1. Create an HTML File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. Use tag to insert an image.
3. Use Bootstrap class for adding more styles
4. <DIV> tag is used to divide the columns.

PROGRAM

```
<html> <head> <meta http-equiv="Content-Type" content="text/html; charset=windows-1252">
    <title>Mobile Advertisement</title>
    <link href="./Mobile Advertisement_files/bootstrap.min.css" rel="stylesheet">
    <link href="./Mobile Advertisement_files/font-awesome.min.css" rel="stylesheet"
type="text/css">
    </head>
    <body>
        <div class="col-md-6">
            <div class="well" style="margin-top:10px;">
                <div class="page-header" style="margin-top:10px;">
                    <h3 class="text-center text-primary"><i class="fa fa-phone"></i> Bala Mobile Shop</h3>
                </div>
                <div class="row">
                    <div class="col-md-7">
                        
                    </div>
                    <div class="col-md-4" style="margin-left:15px;">
                        <button class="btn btn-primary btn-block"><i class="fa fa-caret-right"></i> Mobile Phones</button>
                        <button class="btn btn-success btn-block"><i class="fa fa-caret-right"></i> Mobile
Accessories</button>
```

```

        <button class="btn btn-info btn-block"><i class="fa fa-caret-right"></i> Mobile
Exchange</button>

        <button class="btn btn-warning btn-block"><i class="fa fa-caret-right"></i> Service</button>

        <button class="btn btn-danger btn-block"><i class="fa fa-caret-right"></i> All Card
Recharges</button>    <hr>

        <div class="text-right text-success">

        <h4> <i class="glyphicon glyphicon-phone-alt"></i> 0444-298956</h4>

            <h5> 4 Road, Salem</h5>

        </div>

    </div>

</div>

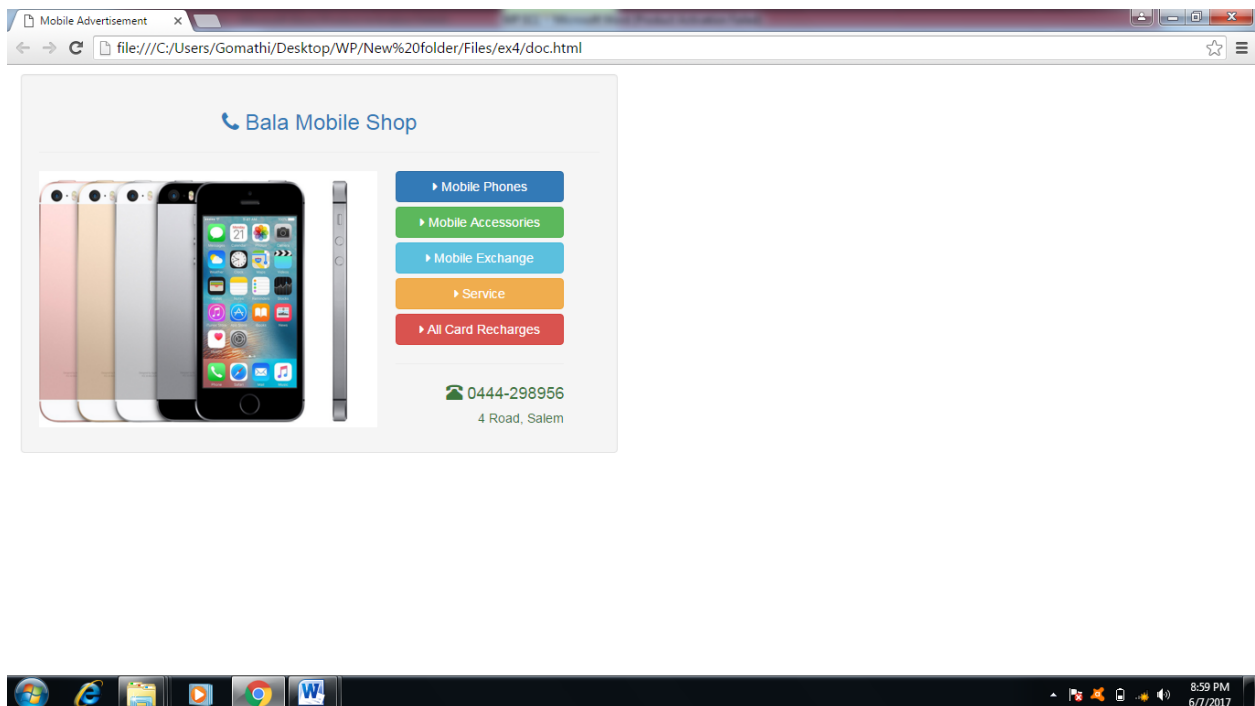
</div>

</div>

</body></html>

```

OUTPUT



RESULT

Thus the above program executed successfully.

DESIGNING AN ADVERTISEMENT USING BOOTSTRAP CSS

PART- B SCL WORKSHEET

Worksheet No : 4

Date:

| | |
|------|--|
| 1. | Write down the syntax for table tag. |
| Ans: | |
| 2. | Define cell spacing? How it will be defined? |
| Ans: | |
| 3. | What is the use of Cell Padding? |
| Ans: | |
| 4. | How to declare line break? |
| Ans: | |
| 5. | Differentiate col span and row span |
| Ans: | |
| 6. | _____ tag defines a multi-line text input control. |
| Ans: | _____ |
| 7. | _____ tag represents the title of the table. |
| Ans: | _____ |
| 8. | Why we are using tag in this programme? |
| Ans: | |

| | | | |
|------------|---|-------------------------------------|---------------------------------------|
| 9. | What is the use of <dd> tag? | | |
| Ans: | a) purple, green, and red | b) black, blue, and gray | c) white, black and gray |
| 10. | Write down the difference between <td> and <tr> tag in html? | | |
| Ans: | | | |
| 11. | Which tag is used to add columns to tables? | | |
| Ans: | a) <colspan> | b) <td> | c) <tr> |
| 12. | What do you mean by increasing the cell padding value? | | |
| Ans: | a) Increase the distance between cell and content | b) Increase the space between cells | c) Increase the softness of your site |
| 13. | Which has higher priority, cell settings or table settings? | | |
| Ans: | a) Neither | b) Cell settings | c) Table settings |
| 14. | When the content of a table is shown? | | |
| Ans: | a) In pieces as it loads | b) Before the border loads | c) After the table is loaded |
| 15. | Which tag adds a paragraph break after the text? | | |
| Ans: | a) <PARAGRAPH> | b) <P> | c) |

DESIGNING AN ADVERTISEMENT USING BOOTSTRAP CSS

PART – C INFERENCE AND APPLICATIONS

| INFERENCE | |
|-----------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |

| EXCERCISE | |
|-----------|---|
| 1. | Design a HTML page to describe about your family. |
| Ans: | |

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| ASSESSMENT |
|-------------------|

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|--------------------|--|
| Ex. No:5(a) | CONVERTING TEXT TO UPPERCASE USING JAVASCRIPT |
| Date: | |

AIM

To write a Java script code that converts the entered text to uppercase

PROCEDURE

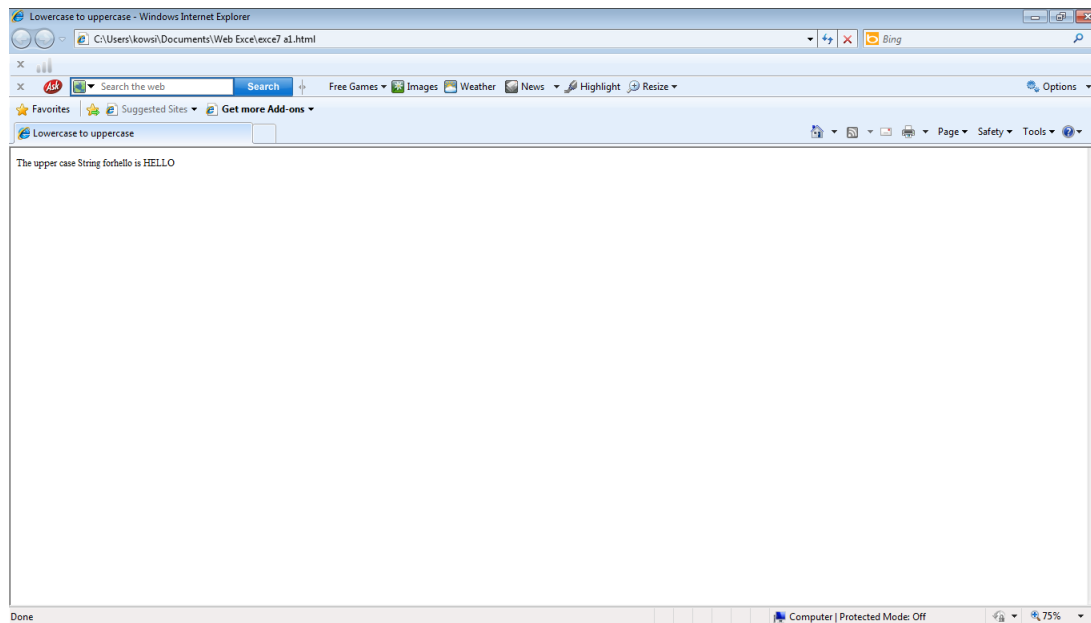
1. Create an HTML File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. Use <SCRIPT> tag to write a scripting language in html web page.
3. Write a java script **function upper ()** to change the lowercase text into uppercase text.
4. Use <FORM> tag to create a form to get a data from the user.

PROGRAM

File Name: conversion.html

```
<html>
<head>
<title>
Lowercase to uppercase</title>
</head>
<body>
<script language="JavaScript">
varstr=new String("hello")
var str1=str.toUpperCase( );
document.write("The upper case String for"+str+" is "+str1);
</script>
</body>
</html>
```

OUTPUT



RESULT

Thus the above program executed successfully.

CONVERTING TEXT TO UPPERCASE USING JAVASCRIPT

PART- B SCL WORKSHEET

Worksheet No : 5(a) Date:

| | |
|------|---|
| 1. | Does JavaScript Support automatic type conversion, If yes give an fexample. |
| Ans: | |
| 2. | Which function is used for converting text from uppercase to lowercase? |
| Ans: | |
| 3. | If you don't using the close tag for title </title> then what will happen? |
| Ans: | |
| 4. | Why we use the string value within the " " ? |
| Ans: | |
| 5. | <u>Say Yes or No :</u> Is JavaScript case sensitive? |
| Ans: | |
| 6. | Are java and javascript the same? |
| Ans: | |
| 7. | What do you know about varstr() property in html? |
| Ans: | |

| | | | |
|------|---|------------------|------------------------|
| 8. | Why you use the coding <script> in this program? | | |
| Ans: | | | |
| 9. | Can you execute the javascript coding without using <script> ? | | |
| Ans: | | | |
| 10. | Who invented the javascript programming language? | | |
| Ans: | a) Tennis Ritchie | b) James Gosling | c) Brendan Eich |
| 11. | What is the output for the following program? <pre> <script language="javascript"> function x() { var qpt = "We are fast growing Software Company located in Chennai, India."; var pattern = new RegExp("in","g"); document.write(pattern.exec(qpt) + " "); document.write(pattern.exec(qpt) + " "); document.write(pattern.exec(qpt) + " "); }</script> </pre> | | |
| Ans: | a) in in ln | b) in in in | c) in in null |
| 12. | a.) var qpt="Quality Point Technologies"; b.) var qpt=new String("Quality Point Technologies"); Question:In javascript, which of the above statement can used for string declaration ? | | |
| Ans: | a) Either (a) or (b) | b) Only (a) | c) Neither (a) nor (b) |
| 13. | ----- converts a string to floating point numbers. | | |
| Ans: | | | |
| 14. | In this program for what purpose we creating the <form>? | | |
| Ans: | | | |
| 15. | If it is not used </script> tag means what will happen? | | |
| Ans: | | | |

CONVERTING TEXT TO UPPERCASE USING JAVASCRIPT

PART – C INFERENCE AND APPLICATIONS

| | |
|-----------|--|
| 1. | What have you inferred from this experiment? |
| Ans: | |
| EXCERCISE | |
| 1. | Write a Palindrome program using Java script |
| Ans: | |

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| ASSESSMENT |
|-------------------|

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|--------------------|--|
| Ex. No:5(b) | VALIDATING USERNAME AND PASSWORD USING JAVASCRIPT |
| Date: | |

AIM

To write a JavaScript code to validate the username and password. The username and password are stored in variables.

PROCEDURE

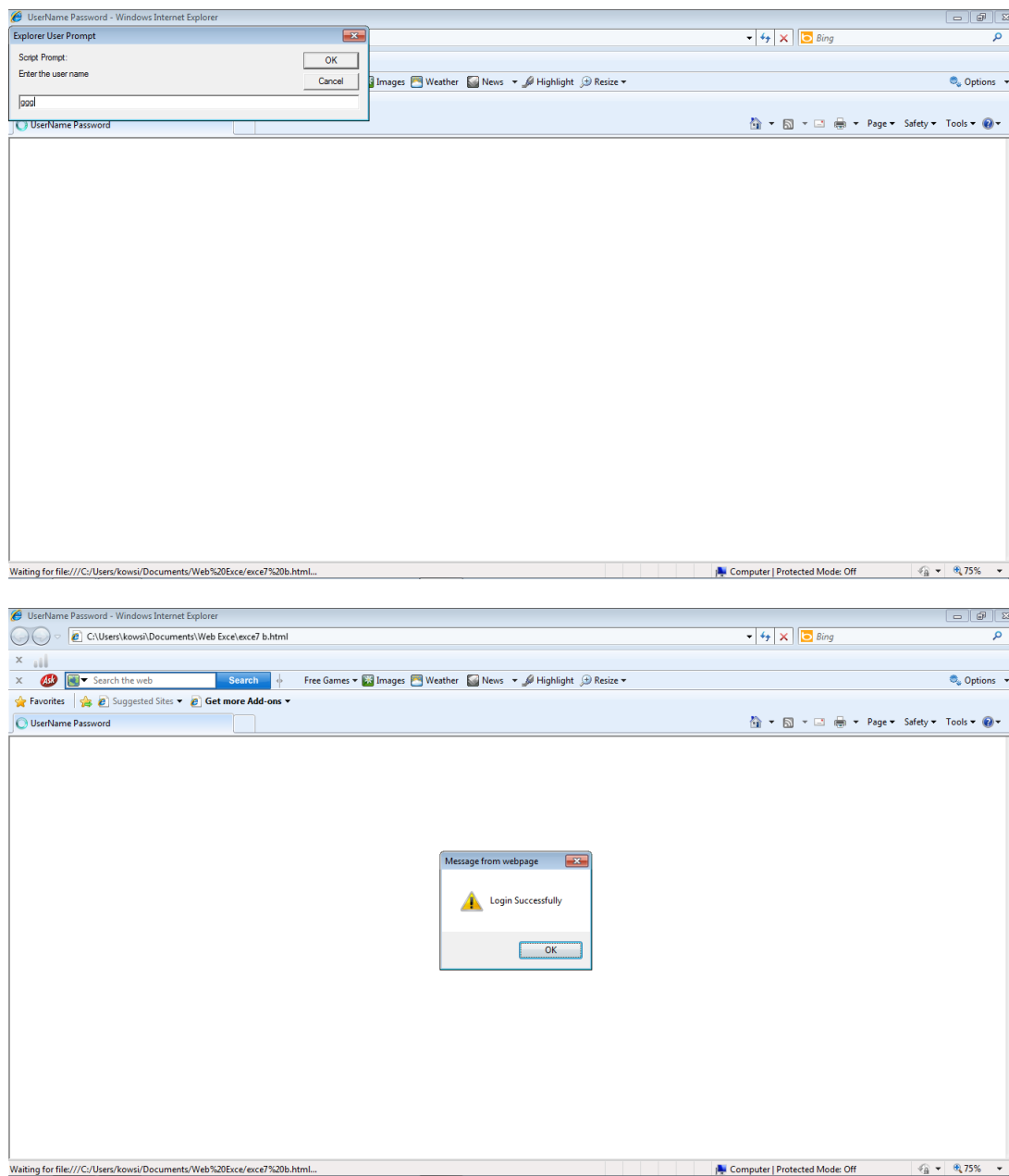
1. Create an HTML File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. Use <SCRIPT> tag to write a scripting language in html web page.
3. Write a java script **function check ()** to check the entered username and password is valid or not.
4. Use <FORM> tag to create a form to get a data from the user.

PROGRAM

File name : Validation.html

```
<html>
<head>
<title>
UserName Password</title>
</head>
<body>
<script language="JavaScript">
var user=prompt("Enter the user name");
var pass=prompt("Enter the password");
if((user=="ggg")&&(pass=="bbb"))
{
alert("Login Successfully");
}
else
{
alert("Login failed");
}
</script>
</body></html>
```

OUTPUT



RESULT

Thus the above program executed successfully.

VALIDATING USERNAME AND PASSWORD USING JAVASCRIPT

PART- B SCL WORKSHEET

| Worksheet No : 5(b) | | Date: |
|---------------------|---|-------|
| 1. | What is JavaScript? | |
| Ans: | | |
| 2. | What is the difference between JavaScript and Jscript? | |
| Ans: | | |
| 3. | What is the difference between “==” and “===”? | |
| Ans: | | |
| 4. | What are the Boolean operators supported by JavaScript? | |
| Ans: | | |
| 5. | State the function of NaN function ? | |
| Ans: | | |
| 6. | Without using <html> tag, what will happen while executing the program? | |
| Ans: | | |
| 7. | How do you create a new object in JavaScript? | |
| Ans: | | |

| | | | |
|------------|--|-----------------|------------------|
| 8. | What will happen in the function check() process? | | |
| Ans: | | | |
| 9. | State the use of “alert”. | | |
| Ans: | | | |
| 10. | All HTML tags are enclosed within_____ | | |
| | a) <> | b) <?php and ?> | c) # and # |
| Ans: | | | |
| 11. | <pre><script type="text/javascript"> x=4+"4"; document.write(x); </script> Output _____?</pre> | | |
| | a) 44 | b) 8 | c) Error output |
| Ans: | | | |
| 12. | _____ keyword is used to declare variables in javascript | | |
| Ans: | | | |
| 13. | In JavaScript, Window.prompt() method return true or false value ? | | |
| | a) False | b) True | c) None of above |
| Ans: | | | |
| 14. | Javascript is a _____ typed language. | | |
| | a) tightly | b) loosely | c) both |
| Ans: | | | |
| 15. | In JavaScript, Window.alert() is used to allow user to enter something | | |
| | a) True | b) False | c) None of above |
| Ans: | | | |

VALIDATING USERNAME AND PASSWORD USING JAVASCRIPT

PART – C INFERENCE AND APPLICATIONS

| | |
|-----------|--|
| 1. | What have you inferred from this experiment? |
| Ans: | |
| EXCERCISE | |
| 1. | Write a JavaScript Program to check whether the given number is Odd or Even Numbers. |
| Ans: | |

| | |
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ASSESSMENT

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|------------------|---------------------------------------|
| Ex. No: 6 | WORKING WITH FRAMES AND EVENTS |
| Date: | |

AIM

To write a Java Script code using frames and Events (When a cursor moves over an object it should display the specification of the object in another frame)

PROCEDURE

1. Create an HTML File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. Use <SCRIPT> tag to write a scripting language in html web page.
3. Use <FRAMESET> tag for Splitting the Web page
4. Use <FRAME> tag to give the source file for the frames.
5. Write a java script **function Move ()** to display the specification of the object in a frame.
6. Use <FORM> tag to create a form to get a data from the user.

PROGRAM

File name : Main.html

```
<html>
<head>
<title>Frame Values</title>
</head>
<frameset cols="20%,80%">
<frame src="x5.html" name="left_frame">
<frame src="x7.html" name="right_frame">
</frameset></noframes></noframes>
```

File name : x5.html

```
<html>
<head>
<title>JavaScript Example 13</title>
</head>
<body>
<form>
<p>
<input type="button" value="What is cool?"
onMouseMove="parent.right_frame.document.form1.text1.value='What is cool?'">
</p>
<p>
<input type="button" value="What is hot?"
onMouseMove="parent.right_frame.document.form1.text1.value='What is hot?'">
</p>
```

```
<p>&nbsp;</p>
```

```
</form>
```

```
</body>
```

```
</html>
```

File name : x7.html

```
<html>
```

```
<head>
```

```
<title>JavaScript Example 14</title>
```

```
</head>
```

```
<body>
```

```
<form name="form1">
```

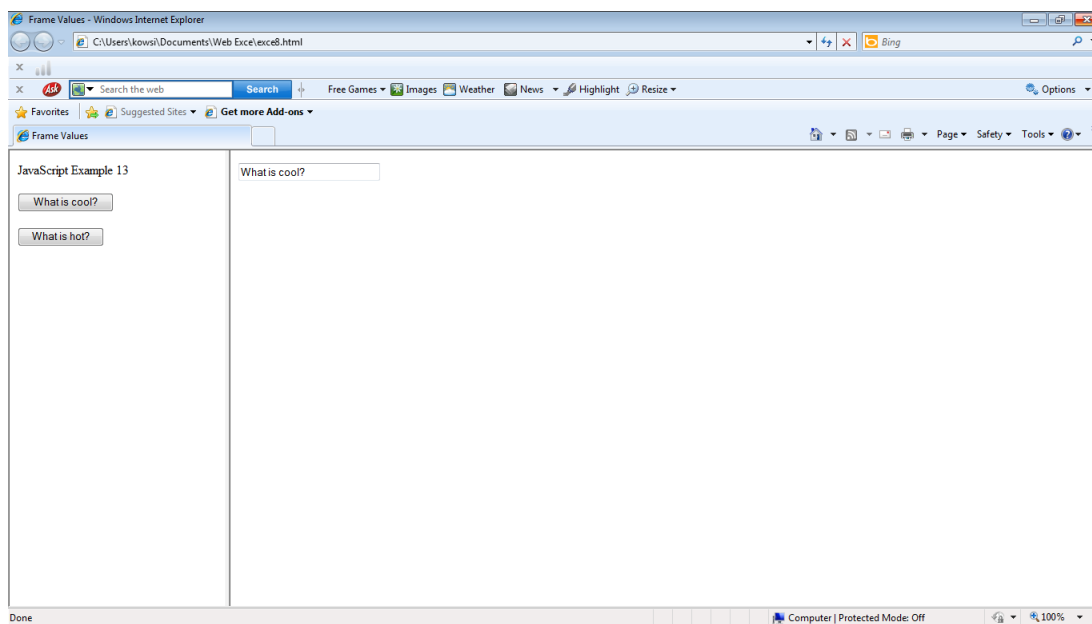
```
<input type="text" name="text1" size="25" value="">
```

```
</form>
```

```
</body>
```

```
</html>
```

OUTPUT



RESULT

Thus the above program executed successfully.

WORKING WITH FRAMES AND EVENTS

PART- B SCL WORKSHEET

Worksheet No : 6

Date:

| | |
|------|---|
| 1. | Describe about the function Move(). |
| Ans: | |
| 2. | A file that specifies how the screen is divided into frames is called _____ |
| Ans: | |
| 3. | How can I eliminate the extra space after a </form> tag? |
| Ans: | |
| 4. | What will be added to the image when using Hspace? |
| Ans: | |
| 5. | What are two parts available in all normal web pages ? |
| Ans: | |
| 6. | <col> tag represents what? |
| Ans: | |
| 7. | _____ tag tells the browser where the page starts and stops ? |
| Ans: | ----- |
| 8. | What are the ways of making comments in JavaScript? |
| Ans: | |

| | | | |
|------------|--|----------------|------------------|
| 9. | What do you understand by this keyword in JavaScript? | | |
| Ans: | | | |
| 10. | How do you submit a form using JavaScript? | | |
| Ans: | | | |
| 11. | Can you write HTML tag inside the javascript ? | | |
| Ans: | | | |
| 12. | Write the coding to give form name. | | |
| Ans: | | | |
| 13. | How to create button in web page? Write the coding. | | |
| Ans: | | | |
| 14. | In Javascript, Which of the following method is used to find out the character at a position in a string? | | |
| Ans: | a) charAt() | b) CharacterAt | () c) CharPos() |
| 15. | How do we add JavaScript into a web page? | | |
| Ans: | | | |

WORKING WITH FRAMES AND EVENTS

PART – C INFERENCE AND APPLICATIONS

| | |
|-----------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |
| EXCERCISE | |
| 1. | Write a JavaScript Program for illustrating Simple Switch Case Statement. |
| Ans: | |

| | |
|--|--|
| | |
|--|--|

| |
|-------------------|
| ASSESSMENT |
|-------------------|

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|------------------|---|
| Ex. No: 7 | CHANGE THE HYPER LINK USING JQUERY |
| Date: | |

AIM

To change the hyperlink and the text of an existing link using jquery code.

PROCEDURE

1. Use <HREF> tag to create link
2. Use jquery code to change the existing link
3. .txt attribute helps to change the text of the existing link.

PROGRAM

Link.html

```
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
<meta charset="utf-8">
<title>JS Bin</title>
</head>
<body>
<a href="www.w3resource.com/PostgreSQL/tutorial.php" >PostgreSQL Tutorial</a>
</body>
</html>
```

File.js

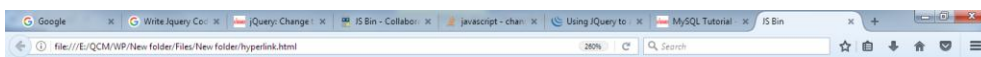
```
$("a").attr("href", "www.w3resource.com/mysql/mysql-tutorials.php");

$("a").text("MySQL Tutorial");
```

OUTPUT



[MySQL Tutorial](#)



[PostgreSQL Tutorial](#)



RESULT

Thus the above program executed successfully.

CHANGE THE HYPER LINK USING JQUERY**PART- B SCL WORKSHEET****Worksheet No : 7****Date:**

| | | | |
|-----------|--|--|------------------------------------|
| 1. | Write down the purpose of AdRotator component. | | |
| Ans: | | | |
| 2. | What does response.output.write() will do ? | | |
| Ans: | | | |
| 3. | Define <metatag>. | | |
| Ans: | | | |
| 4. | How to save the asp file? | | |
| Ans: | | | |
| 5. | Select the control, which does not have any visible interface | | |
| Ans: | a) Datalist | b) DropDownList | c) Repeater |
| 6. | State the use of REFRESH meta tag? | | |
| Ans: | a) Refresh your keywords | b) Allow search engines to relist your page | c) Redirect to a new domain |
| 7. | Is it possible to set up a browser so it refuse pages that does not have a content rating meta tag? | | |
| Ans: | | | |
| 8. | Which of the following is NOT true of metatags use ? | | |
| | a) put Mata Tags within Head tag ? | b) Do not include words that are not present on your pages | c) Use as many keywords as you can |
| Ans: | | | |

| | | | |
|------------|--|-----------------|---------------|
| 9. | Which of the following object is not an ASP component? | | |
| Ans: | a) LinkCounter | b) Counter | c) AdRotator |
| 10. | Why we use <% %> this? | | |
| Ans: | | | |
| 11. | What is the function of response.write()? | | |
| Ans: | | | |
| 12. | How to link image in your web page? | | |
| Ans: | | | |
| 13. | An alternative way of displaying text on web page is | | |
| Ans: | a) asp:label | b) asp:listitem | c) asp:button |
| 14. | In which of the following format, output will be rendered to browser when an .aspx page is requested from the web server? | | |
| Ans: | a) JSP | b) XML | c) HTML |
| 15. | Why we use http in web address? | | |
| Ans: | | | |

CHANGE THE HYPER LINK USING JQUERY

PART – C INFERENCE AND APPLICATIONS

| | |
|-----------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |

| EXERCISE | |
|----------|---|
| 1. | Write a JavaScript Program for finding n terms of Fibonacci Series. |
| Ans: | |

| ASSESSMENT |
|------------|
|------------|

| | | | |
|--------------------------|--|--|-----|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|-----------------|---|
| Ex. No:8 | WORKING WITH CLICK EVENTS USING JQUERY |
| Date: | |

AIM

To write a JQuery Program for Count the number of milliseconds between the two click events on a paragraph

PROCEDURE

1. Create click function event using jquery code.
2. **event.timeStamp – lastt** attribute is calculate the time for last event.

PROGRAM

click.html

```
<!DOCTYPE html>

<html>

<head>

<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>

<meta charset="utf-8">

<title>JS Bin</title>

</head>

<body>

<p>Count the number of milliseconds between the two click events on a paragraph </p>

<div>Click on the above paragraph</div>

</body>

</html>
```

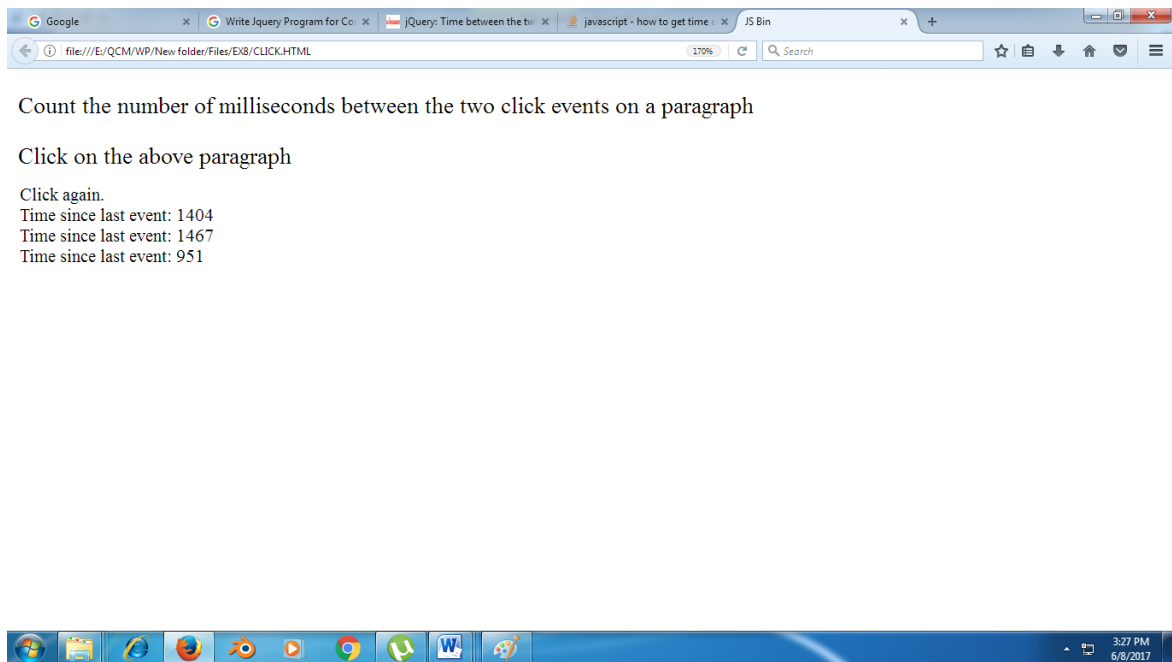
File.js

```
var lastt, tdiff;

$( "p" ).click(function( event ) {
```

```
if (lastt) {  
    tdiff = event.timeStamp - lastt;  
    $( "div" ).append( "Time since last event: " + tdiff + "<br>" );  
} else {  
    $( "div" ).append( "<br>Click again.<br>" );  
}  
  
lastt = event.timeStamp;  
  
});
```

OUTPUT



RESULT

Thus the above program executed successfully.

WORKING WITH CLICK EVENTS USING JQUERY

PART- B SCL WORKSHEET

Worksheet No : 8

Date:

| | |
|------|---|
| 1. | What is Ajax? |
| Ans: | |
| 2. | What are Ajax applications? |
| Ans: | |
| 3. | What is the use of <div> tag? |
| Ans: | |
| 4. | How functionloadMaster() works? |
| Ans: | |
| 5. | What are the advantages of Ajax? |
| Ans: | |
| 6. | What are the technologies used by Ajax? |
| Ans: | |
| 7. | Is javascript knowledge is required to do Ajax? |
| Ans: | |
| 8. | Can we use nested update panel in Ajax? |
| Ans: | |
| 9. | Can Ajax technology work on web server? |
| Ans: | |

| | |
|------------|--|
| 10. | Can ajax can be implemented in browsers that do not support the XmlHttpRequest? |
| Ans: | |
| 11. | What is the function of loadMaster? |
| Ans: | |
| 12. | What is the use of formid? |
| Ans: | |
| 13. | _____ tag is used to develop form in webpage. |
| Ans: | |
| 14. | _____ property is used to check whether AJAX request has been completed |
| Ans: | |
| 15. | How can AJAX applications be debugged? |
| Ans: | |

WORKING WITH CLICK EVENTS USING JQUERY

PART – C INFERENCE AND APPLICATIONS

| | |
|-----------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |

| EXERCISE | |
|----------|---|
| 1. | Write a web application to demonstrate the use of AJAX concept. |
| Ans: | |

| | |
|--|--|
| | |
|--|--|

ASSESSMENT

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|-----------------|--|
| Ex. No:9 | FADE IN AND FADE OUT USING JQUERY |
| Date: | |

AIM

To Write JQuery Program for Fade in and fade out all division elements

PROCEDURE

1. The fadeIn() method gradually changes the opacity, for selected elements, from hidden to visible (fading effect).
2. The fadeOut() method gradually changes the opacity, for selected elements, from visible to hidden (fading effect).

PROGRAM

File.html

```
<html>

  <head>

    <title></title>

    <link href="css/bootstrap.min.css" rel="stylesheet">

  </head>

  <body>

    <div class='col-md-4'>

      <div class='well'>

        <h4 id='p1'>JQuery Functions</h4>

        <button id='a1' class='btn btn-primary'>Fade In</button>

        <button id='a2' class='btn btn-primary'>Fade Out</button>

      </div>

    </div>

  </body>

  <script src="js/jquery.min.js"></script>

  <script src="js/jquery.js"></script>
```

```
<script src="js/bootstrap.min.js"></script>

<script>

    $("#a1").click(function()

    {

        $("#p1").fadeIn();

    });

    $("#a2").click(function()

    {

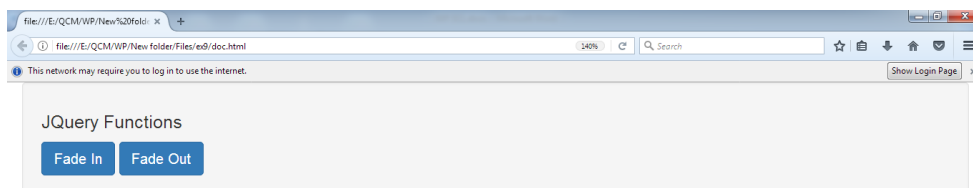
        $("#p1").fadeOut();

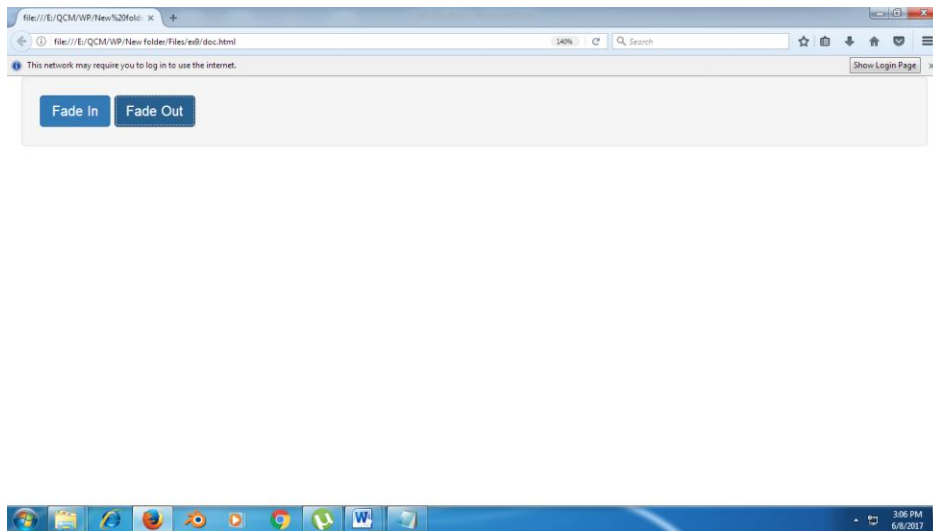
    });

</script>

</html>
```

OUTPUT





RESULT

Thus the above program executed successfully.

FADE IN AND FADE OUT USING JQUERY

PART- B SCL WORKSHEET

Worksheet No : 9

Date:

| | |
|------|---|
| 1. | What the definition list will do? |
| Ans: | |
| 2. | What is the difference between a bulleted list and numbered list? |
| Ans: | |
| 3. | What is the use of <dd> tag? |
| Ans: | |
| 4. | The _____ tag is used to define style information for an HTML document. |
| Ans: | _____ |
| 5. | Is html5 supports <frameset> tag? |
| Ans: | _____ |
| 6. | The _____ tag defines a caption for a <figure> element. |
| Ans: | _____ |
| 7. | How many standard colors are defined in html? |
| Ans: | |
| 8. | Which tag is used for applying styles to entire column? |
| Ans: | |

| | | | |
|------------|--|---|--|
| 9. | Which colors consist of equal amounts of all basic colors ? | | |
| Ans: | a) purple, green, and red | b) black, blue, and gray | c) white, black and gray |
| 10. | If the background image is smaller than the screen, what will happen ? | | |
| Ans: | a) It will be stretched | b) It will leave a blank space at the bottom of your page | c) It will be repeated |
| 11. | When making bulleted lists you have what options ? | | |
| Ans: | a) disc, circle, square | b) triangle, square, circle | c) square, disc, polygon |
| 12. | A file that specifies how the screen is divided into frames is called a _____ | | |
| Ans: | _____ | | |
| 13. | <u>Say True or False:</u> Settings for columns (<td> tag) have higher priority than settings for rows(<tr> tag) | | |
| Ans: | _____ | | |
| 14. | What is the most important tool for adding colors to certain areas of the page rather than the entire background ? | | |
| Ans: | a) Fonts | b) Tables | c) Images |
| 15. | In the code <frameset cols="120,*"> the following would be true. | | |
| Ans: | a) Top frame would be 120 pixels high | b) Left frame would be 120 inches wide | c) Left frame would be 120 pixels wide |

FADE IN AND FADE OUT USING JQUERY

PART – C INFERENCE AND APPLICATIONS

| INFERENCE | |
|------------------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |

| EXCERCISE | |
|-----------|--|
| 1. | Use a Bootstrap class to create CSS alert buttons. |
| Ans: | |

| ASSESSMENT |
|------------|
|------------|

| | | | |
|--------------------------|--|--|-----|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|------------------|--|
| Ex. No:10 | DISABLE / ENABLE SUBMIT BUTTON USING JQUERY |
| Date: | |

AIM

To write Jquery Program for Disable/enable the form submit button and Blink the text.

PROCEDURE

1. Use html code to create form.
2. Create Clickfunction() to enable / disable submit button.

PROGRAM

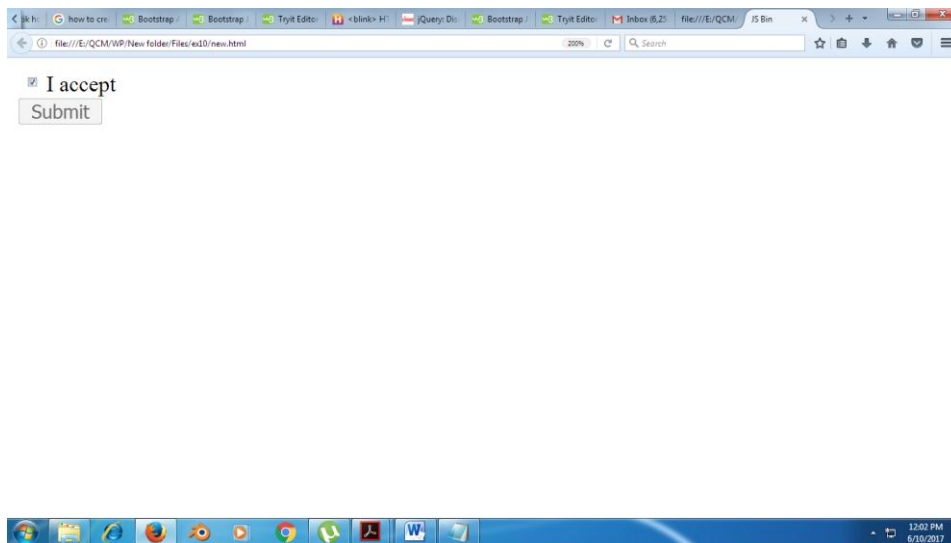
Html code:

```
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
<meta charset="utf-8">
<title>JS Bin</title>
</head>
<body>
<input id="accept" name="accept" type="checkbox" value="y"/>I accept<br>
<input id="submitbtn" disabled="disabled" name="Submit" type="submit" value="Submit" />
</body>
</html>
```

Javascript code:

```
$('#accept').click(function() {
    if ($('#submitbtn').is(':disabled')) {
        $('#submitbtn').removeAttr('disabled');
    } else {
        $('#submitbtn').attr('disabled', 'disabled');
    }
});
```

OUTPUT



RESULT

Thus the above program executed successfully.

DIASABLE / ENABLE SUBMIT BUTTON USING JQUERY**PART- B SCL WORKSHEET****Worksheet No : 10** **Date:**

| | | | |
|------|--|------------|--------------------------------|
| 1. | How to set background using html? | | |
| Ans: | | | |
| 2. | Write the coding for setting the background image in CSS? | | |
| Ans: | | | |
| 3. | _____ property is used to set position of an image in CSS. | | |
| Ans: | | | |
| 4. | State the use of<blockquote>tag ? | | |
| Ans: | | | |
| 5. | Write a coding for setting blue color as bgcolor. | | |
| Ans: | | | |
| | Match the following: | | |
| 6. | | : | Defines the preformatted text. |
| 7. | <hr> | : | Single line break |
| 8. | <pre> | : | section in a web document. |
| 9. | | : | horizontal line. |
| Ans: | a) 2,4,1,3 | b) 2,4,3,1 | c) 4,2,3,1 |

| | | | |
|------------|--|---------------------|-----------------------|
| 10. | To specify a font for your whole page which tag you add ? | | |
| Ans: | a) <targetfont> | b) <defaultfont> | c) <basefont> |
| 11. | To change the size of an image in HTML use what ? | | |
| Ans: | a) pliers | b) height and width | c) bigger and smaller |
| 12. | Choose the correct HTML tag to make a text bold | | |
| Ans: | a) <bold> | b) | c) <bld> |
| 13. | _____ tag defines the multiline text. | | |
| Ans: | | | |
| 14. | _____ tag is used for underlining purpose. | | |
| Ans: | | | |
| 15. | Write a coding for linking an image from your system. | | |
| Ans: | | | |

DIASABLE / ENABLE SUBMIT BUTTON USING JQUERY

PART – C INFERENCE AND APPLICATIONS

| | |
|-----------------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |
| EXERCISE | |
| 1. | Demonstrate the use of CSS3 and HTML5 in the design of a web page. |
| Ans: | |

| | |
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ASSESSMENT

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|------------------|----------------------------------|
| Ex. No:11 | WORKING WITH ARRAY IN JSP |
| Date: | |

AIM

To write a jsp program which has these two arrays and supplies the definition on request. Write a HTML document which gets the user input of name of the item and sends the request to JSP.

PROCEDURE

1. Start the program
2. Open the netbeans and create an HTML document with basic html tags
3. Create two arrays named string[] definitioned to store the name and the definition of 10 items in chemistry.
4. Use <from> tag to give the jsp file path.
5. Save the program with .html extension.
6. Run the program and exit.

PROGRAM

Home.html

```
<Html>
<Head><Title>Open source</ Title >
</Head>
<Body>
<Form Action= "main.Jsp" method="get">
Enter the open source name :<Input type="Text" name="t1">
<Br>
<Br>
< Input type="submit" name="search" value="submit">
</Form>
</Body>
</html>
```

Main.jsp:

```
<Html>
<Head>
<Title>Definition of open Source</title>
</Head>
<Body>
```

```

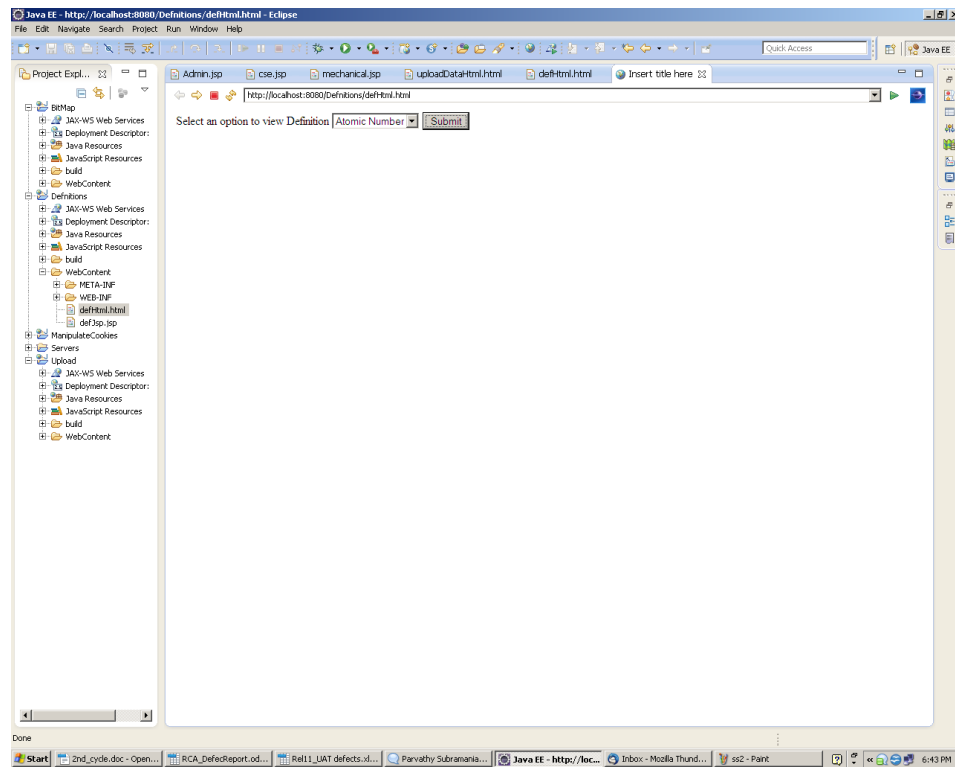
<Center>
<%
int i,n;
string a=null;
String name[]=new string[10];
Name [1]="PHP";
Name[2]="LINUX";
Name [3]="PERL";
Name[4]="PHYTON";
Name[5]="SQL";
Name[6]="BACKTRACK";
Name[7]="ANDROID";
Name[8]="HADOOP";
Name[9]="OPEN OFFICE ORG";
Name[10]="POST GRESQL";
String def []=new String[10];
def[1]= "PHP: Hypertext preprocessor"";
def [2]="LINUX: It is operating system";
def[3]="PERL: It is reporting Language";
def[4]="PHYTHON: Programming language";
def[5]="SQL: Structure query Language";
def[6]="BACKTRACK: Linux distribution";
def[7]="ANDROID: Mobile operating system";
def[8]="HADOOP: Open source software";
def[9]="OPEN OFFICE ORG: Open source office suite";
def[10]="POST GRESQL: Database Management System";
a=request.getParameter("t1");
for(i=1;i<=3;i++)
{
If(name[i].equalsIgnoreCase(a))
{
n=i;
out.println("Definition of" +name[n]+"is");
out.println(def[n]);
Break;
}
}
}

```



```
%>
</center>
</body>
</html>
```

OUTPUT



RESULT

Thus the above program executed successfully.

WORKING WITH ARRAY IN JSP

PART- B SCL WORKSHEET

Worksheet No : 11

Date:

| | |
|------|--|
| 1. | What is JSP? |
| Ans: | |
| 2. | What are the advantages of JSP over Active Server Pages (ASP)? |
| Ans: | |
| 3. | Write down the difference between <SELECT>&<OPTION> tag? |
| Ans: | |
| 4. | DTS is not needed in HTML5 ? why |
| Ans: | |
| 5. | How formid differs from formname ? |
| Ans: | |
| 6. | Write down about <lable> tag. |
| Ans: | |
| 7. | Write down the syntax for jsp comments. |
| Ans: | |

| | | |
|------------|--|--|
| 8. | What is the use of request object? | |
| Ans: | | |
| 9. | Why we are using “def” element in html? | |
| Ans: | | |
| 10. | out.println() describes _____ | |
| Ans: | | |
| 11. | How do you create an array object? | |
| Ans: | | |
| 12. | What is <selectname="dropdown"> action? | |
| Ans: | | |
| 13. | Can I sort array element ? | |
| Ans: | | |
| 14. | To run a compiled Java program, the machine must have loaded with _____ | |
| Ans: | a) Java virtual machine | b) Java compiler c) Java bytecode |
| 15. | A JSP is transformed into a(n) | |
| Ans: | a) Java applet | b) Java servlet. c) Either 1 or 2 above |

WORKING WITH ARRAY IN JSP
PART – C INFERENCE AND APPLICATIONS

| | |
|------------------|--|
| 1. | What have you inferred from this experiment? |
| Ans: | |
| EXCERCISE | |
| 1. | Write a Javascript to validate and create interactive web pages by handling different types of page events. |
| Ans: | |

| | |
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|--|--|

ASSESSMENT

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|------------------|---------------------------------------|
| Ex. No:12 | MANIPULATING COOKIES USING JSP |
| Date: | |

AIM

To write a JSP code to manipulate cookies.

PROCEDURE

1. Create anJSP File with <HTML>, <TILTE>, <HEAD>, <BODY> tags.
2. Create an object for the cookie with the name called “**myCookie**”
3. Assign the Cookie value for mycookie is “**FirstCookie**”
4. Set the age for Cookie by using **setMaxAge ()** object.
5. Add the cookie by using **addCookie ()** object.
6. Display the Cookie name and value using the **getName ()** and **getValue()** object

PROGRAM

CODING FOR COOKIES:

Main.jsp:

```
<%
//Create cookies for first and last names.
Cookie firstname=new Cookie("first_name",request.getParameter("first_name"));
Cookie lastname=new Cookie ("last name",request.getParameter("last_name"));
//Set expiry date after 24 Hrs for both the cookies.
Firstname.setMaxAge(60*60*24);
Lastname.setMaxAge(60*60*24);
//Add both the cookies in the response header.
Response.addCookie(firstName);
Response.addCookie(lastName);
%>
<html>
<head>
<title>Setting cookies</title>
</head>
<body>
<center>
<h1>Setting cookies</h1>
</center>
<ul>
```

```

<li><p><b>Firstname:</b>
<%=request.getParameter("first_name")%>
</p></li>
<li><p><b>Last Name : </b>
<%= request.getParameter("last_name")%>
</p></li>
</ul>
<a href="index.jsp">Home</a>
</body>
</html>

```

Index.jsp:

```

<html>
<head>
<title>COOKIES</title>
</head>
<body>
<center>
<h1>Manipualting Cookies</h1>
<a href="Setcookies.jsp">Creating Cookies</a><br>
<a href="reading.jsp">Reading Cookies</a><br>
<a href="delete.jsp">Deleting Cookies</a><br>
</body>
</html>

```

Setcookies.jsp:

```

<html>
<body>
<form action="main.jsp" method="GET">
First Name:<input type="text" name="first_name"><br/>
Last Name:<input type="text" name="last_name">
<input type="submit" value="Submit"/>
</form>
</body>
</html>

```

Reading.jsp:

```

<html>
<head><title>Reading Cookies</title></head>
<body>
<center>
<%
Cookie cookie = null;
Cookie[] cookie = null;
//Get an array of Cookies associated with this domain
cookies=request.getCookies();
if(cookies!=null)
{
out.println("<h2>Found Cookies Name And Value</h2>");
for(int i=0;i<cookies.length;i++)_
{
        cookie=cookies[i];
        out.println("Name : "+cookie.getName()+",");
        out.println("Value : "+cookie.getValue()+"<br/>");
}}
else
{
out.println("<h2>No Cookies Found</h2>");
}
%>
<a href="index.jsp">Home</a>
</body>
</html>

```

Delete.jsp:

```

<html>
<head>
<title>Deleting cookies</title>
</head>
<body>
<center>
<h1>Deleting cookies</h1>
</center>
<%
Cookie cookie=null;

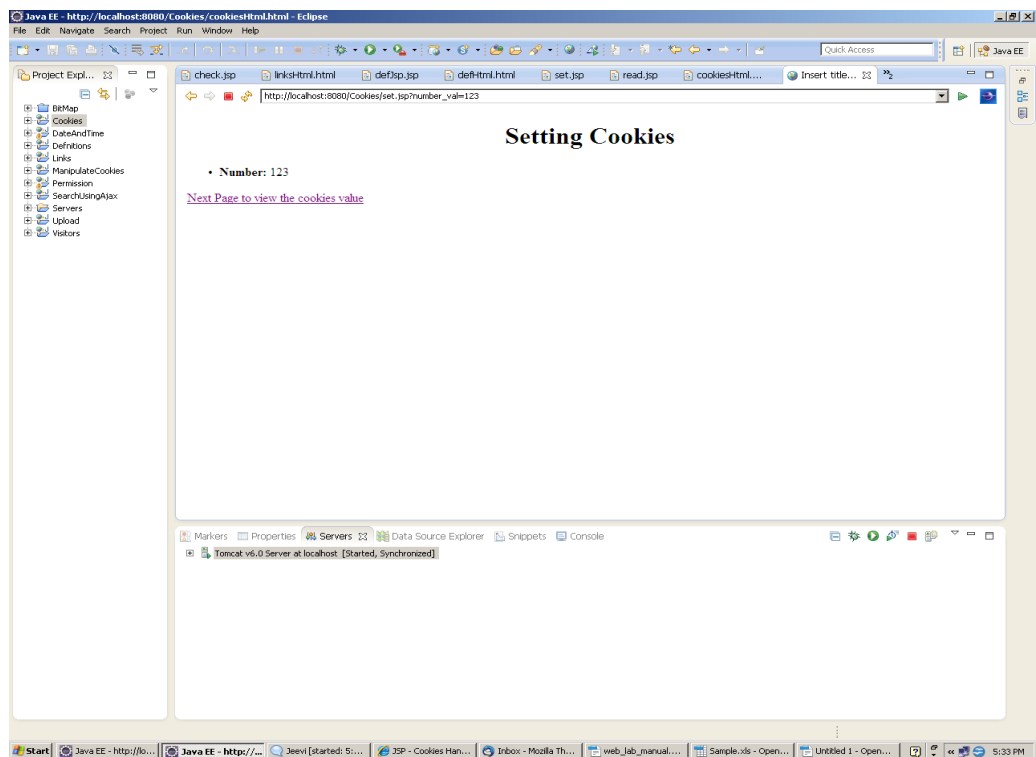
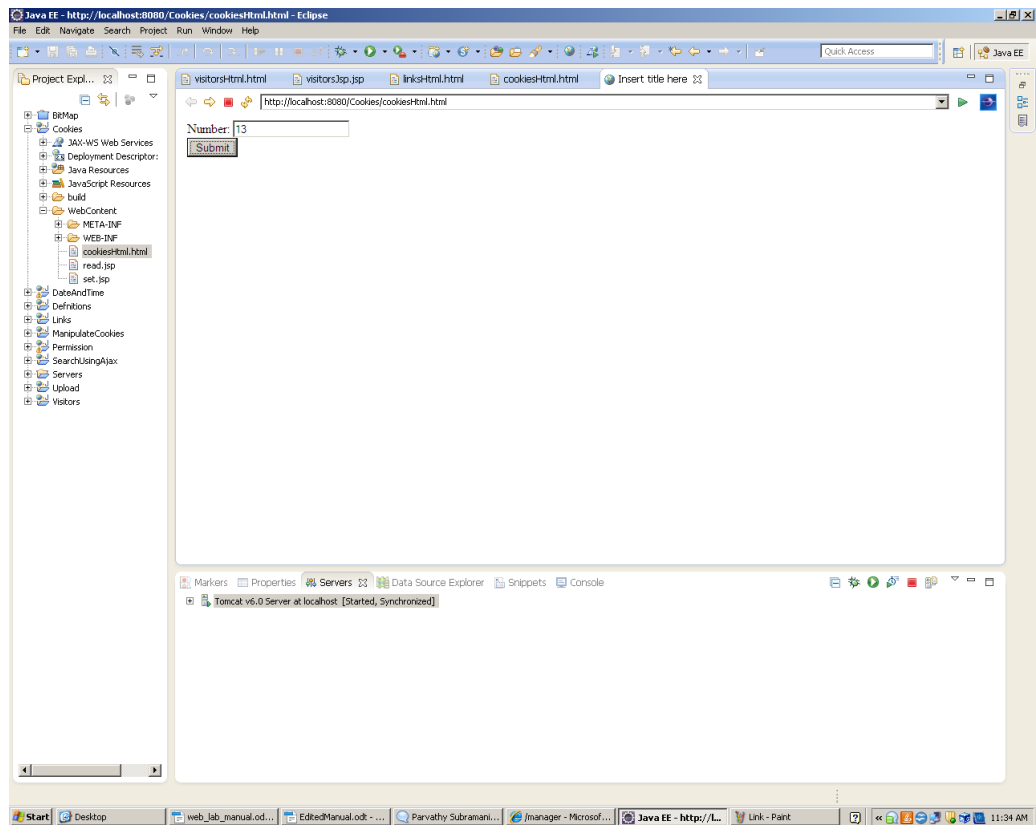
```

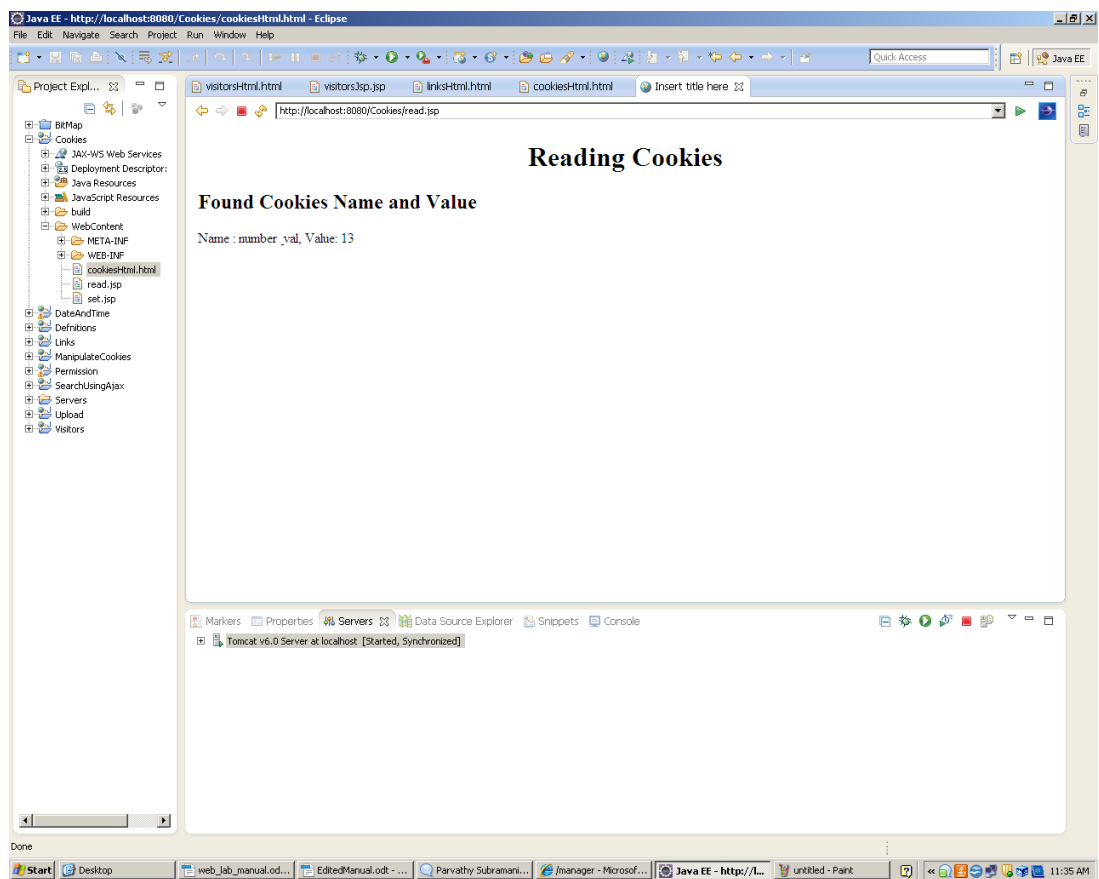
```

Cookie[]cookie=null;
//Get an array of Cookies associated with this domain
Cookies=request.getCookies();
If(cookies!=null)
{
Out.println("<h2>Found cookies Name and Value</h2>");
For (int i=0;i<cookies.length;i++)
{
Cookie=cookies[i];
If((cookie.getName()).compareTo("frist_name")==0)
{
Cookie.setMaxAge(0);
Response.addcookie(cookie);
Out.print("Deleted cookie:"+cookie.getName()+"<br/>");
}
Out.print("Name:"+cookie.getName()+",");
Out.print("value:"+cookie.getValue()+"<br/>");
}}
Else
{
Out.println("<h2>No cookies founds</h2>");
}
%>
<a href="index.jsp">Home</a>
</body>
</html>

```

OUTPUT





RESULT

Thus the above program executed successfully.

MANIPULATING COOKIES USING JSP

PART- B SCL WORKSHEET

Worksheet No : 12

Date:

| | | | |
|------|---|---------|-----------|
| 1. | What are cookies? | | |
| Ans: | | | |
| 2. | Set the age for cookie by using _____ object. | | |
| Ans: | | | |
| 3. | How to read cookies with JSP? | | |
| Ans: | | | |
| 4. | How to delete cookies with JSP? | | |
| Ans: | | | |
| 5. | What looping structures are there in JavaScript? | | |
| Ans: | | | |
| 6. | How to create an object? | | |
| Ans: | | | |
| 7. | What is the use of <meta> tag? | | |
| Ans: | | | |
| 8. | Which is not an attribute of the cookie property? | | |
| Ans: | a) path | b) host | c) secure |

| | | |
|------------|--|---|
| 9. | How to create a cookie? | |
| Ans: | | |
| 10. | Set cookie age as zero using _____ method to delete an existing cookie. | |
| Ans: | | |
| 11. | Browser stores information on _____ for future use. | |
| Ans: | | |
| 12. | The method <code>getWriter</code> returns an object of type <code>PrintWriter</code>. This class has <code>println</code> methods to generate output. Which of these classes define the <code>getWriter</code> method? Select the one correct answer. | |
| Ans: | a) <code>HttpServletRequest</code> | b) <code>HttpServletResponse</code> c) <code>ServletConfig</code> |
| 13. | <u>Is the following statement True or False.</u> URL rewriting may be used when a browser is disabled. In URL encoding the session id is included as part of the URL. | |
| Ans: | | |
| 14. | What is <code>request.cookies()</code> action? | |
| Ans: | | |
| 15. | What is <code>request.getcookies()</code> action? | |
| Ans: | | |

MANIPULATING COOKIES USING JSP
PART – C INFERENCE AND APPLICATIONS

| | |
|-----------------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |
| EXERCISE | |
| 1. | Develop a web application of Multi-tier application type using Java Servlets and JSP |
| Ans: | |

| | |
|--|--|
| | |
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| |
|-------------------|
| ASSESSMENT |
|-------------------|

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |


```
<br>
<br>
<input type="submit" value="submit">
</form>
</body>
</html>
```

Upload1.jsp:

```
<html>
<head>
<title>Display The Data</title>
</head>
<body>
<center>
<h1>Display The Data</h1>
</center>
<ul>
<li><p><b>Name : </b>
<% String s1=request.getParameter("t1");
out.println(s1);%>
</p>
</li>
<li><p><b>Father's Name : </b>
<% String s2=request.getParameter("t2");
out.println(s2);%>
</p>
</li>
<li><p><b>Address : </b>
<% String s3=request.getParameter("t3");
out.println(s3);%>
</p>
</li>
<li><p><b>College Name : </b>
<% String s4=request.getParameter("t4");
out.println(s4);%>
```

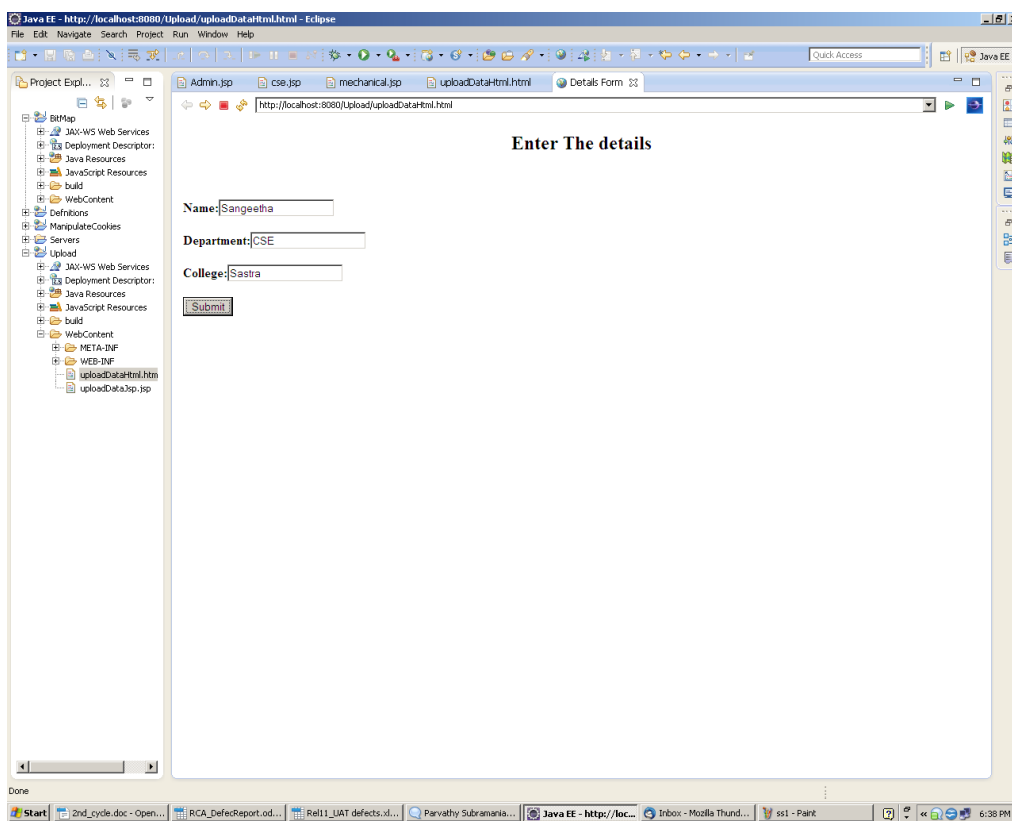


```

</p>
</li>
<li><p><b>Branch : </b>
<% String s5=request.getParameter("t5");
out.println(s5);%>
</p>
</li>
</ul>
<a href="main.jsp">HOME</a>
</body>
</html>

```

OUTPUT



RESULT

Thus the above program executed successfully.

UPLOADING THE DATA FROM CLIENTSIDE USING JSP

PART- B SCL WORKSHEET

Worksheet No : 13

Date:

| | |
|-----------|--|
| 1. | How to upload a form on web page? |
| Ans: | |
| 2. | What is the use of tag? |
| Ans: | |
| 3. | What is the use of tag? |
| Ans: | |
| 4. | How do center alignment? |
| Ans: | |
| 5. | Why we are using getParameter() object in this program? |
| Ans: | |
| 6. | _____ is used to get the data from client side. |
| Ans: | |
| 7. | What are the advantages of JSP over Static HTML? |
| Ans: | |

| | | | |
|------------|--|---|--------------------------|
| 8. | What are JSP declarations? | | |
| Ans: | | | |
| 9. | What is contentType attribute? | | |
| Ans: | | | |
| 10. | Choose the client-side JavaScript object: | | |
| Ans: | a) Database | b) Cursor | c) FileUpload |
| 11. | Why we are using method as “post” ? | | |
| Ans: | | | |
| 12. | When you uploading the data where it stored? | | |
| Ans: | | | |
| 13. | <body> and </body> are the tags used for? | | |
| Ans: | | | |
| 14. | What is the use of <string> ? | | |
| Ans: | | | |
| 15. | What does the GENERATOR meta tag tell ? | | |
| Ans: | a) What type of server your page is on | b) Which program was used to produce the page | c) Who designed the page |

UPLOADING THE DATA FROM CLIENTSIDE USING JSP

PART – C INFERENCE AND APPLICATIONS

| | |
|------------------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |
| EXCERCISE | |
| 1. | Develop a web application in Session Tracking application type using Java Servlets and JSP |
| Ans: | |

| | |
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| |
|-------------------|
| ASSESSMENT |
|-------------------|

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|------------------|---|
| Ex. No:14 | FINDING THE NUMBER OF USERS VISITING A WEBSITE |
| Date: | |

AIM

To write a program to find the number of users who have visited a website using Application object.

PROCEDURE

1. Create a **JSP** File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. Create a variable **"count"** using **getAttribute()** in **Application Object**
3. Set the Attribute Value by using **setAttribute () object**
4. Display the count value for number of users visited the web page by using **out.println () object**

PROGRAM

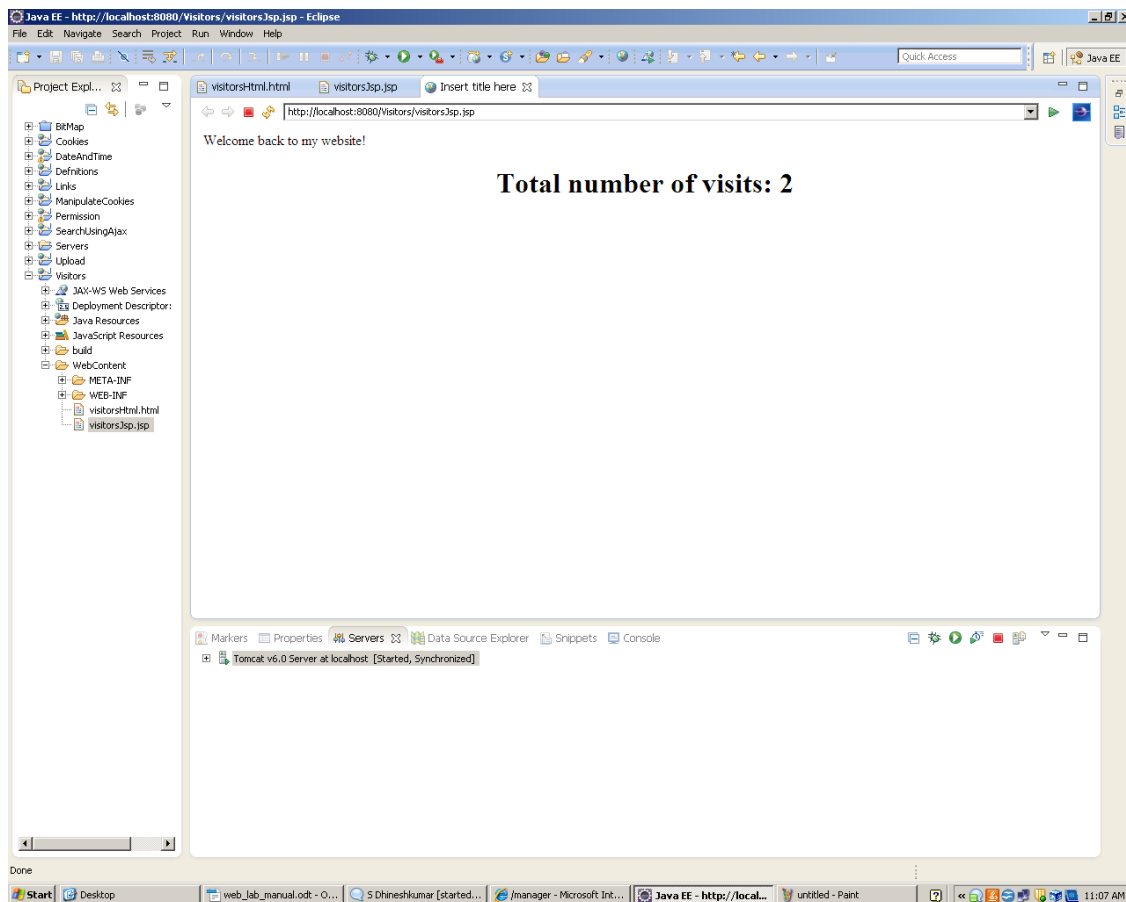
Finding number of user visiting a website

Coding for visited:

```
<%@ page import="java.io.*,java.util.*"%>
<html>
<head>
<title>Application object in JSP</title>
</head>
<body>
<%
Integer hitsCount=(Integer)application.getAttribute("hitCounter");
If(hitsCount==null || hitsCount==0)
{
/*First Visited*/
Out.println("Welcome to my Website!");
hitsCount=1;
}
Else
{
/*return visit*/
Out.println("Welcome back to my website!");
hitsCount+=1;
}
application.setAttribute("hitcounter".hitsCount);
%>
<center>
```

```
<p>
Total number of visits:<%=hitsCount%>
</p>
</center>
</body>
</html>
```

OUTPUT



RESULT

Thus the above program executed successfully.

FINDING THE NUMBER OF USERS VISITING A WEBSITE**PART- B SCL WORKSHEET****Worksheet No : 14****Date:**

| | |
|-----------|--|
| 1. | What is <getAttribute> action? |
| Ans: | |
| 2. | If you execute the code hitsCount=1, what will happen? |
| Ans: | |
| 3. | If you execute the code hitsCount+=1, what will happen? |
| Ans: | |
| 4. | What is <%= hitsCount%> action? |
| Ans: | |
| 5. | What is <setAttribute> action? |
| Ans: | |
| 6. | How to display count value for number of user? |
| Ans: | |
| 7. | What is the difference between “=” and “==”? |
| Ans: | |
| 8. | If counter value is null means what will happen? |
| Ans: | |

| | |
|------------|--|
| 9. | What is session.getAttribute action? |
| Ans: | |
| 10. | What is counter=new Integer(counter.intValue()+1); action? |
| Ans: | |
| 11. | What is application.getAttribute? |
| Ans: | |
| 12. | Counter=new Integer(1); applicationCounter=new Integer(1); What is the difference between the above two statements? |
| Ans: | |
| 13. | What is the Application.set Attribute action? |
| Ans: | |
| 14. | <%=counter%> what it returns? |
| Ans: | |
| 15. | <%=applicationCounter%> what it returns? |
| Ans: | |

FINDING THE NUMBER OF USERS VISITING A WEBSITE

PART – C INFERENCE AND APPLICATIONS

| | |
|------------------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |
| EXCERCISE | |
| 1. | Create a multiplication table asking the user the number of rows and columns by using javascript |
| Ans: | |

| | |
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| |
|-------------------|
| ASSESSMENT |
|-------------------|

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|------------------|-------------------------|
| Ex. No:15 | MOVE OVER A LINK |
| Date: | |

AIM

To write a Code in Java Script to count number of times you move over a link or record.

PROCEDURE

1. Create an HTML File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. Use <SCRIPT> tag to write a scripting language in html web page.
3. Write a java script **function count ()** to count the number of times mouse over a link or record.
4. Display the result
5. On mouseover is used to count the number of times.

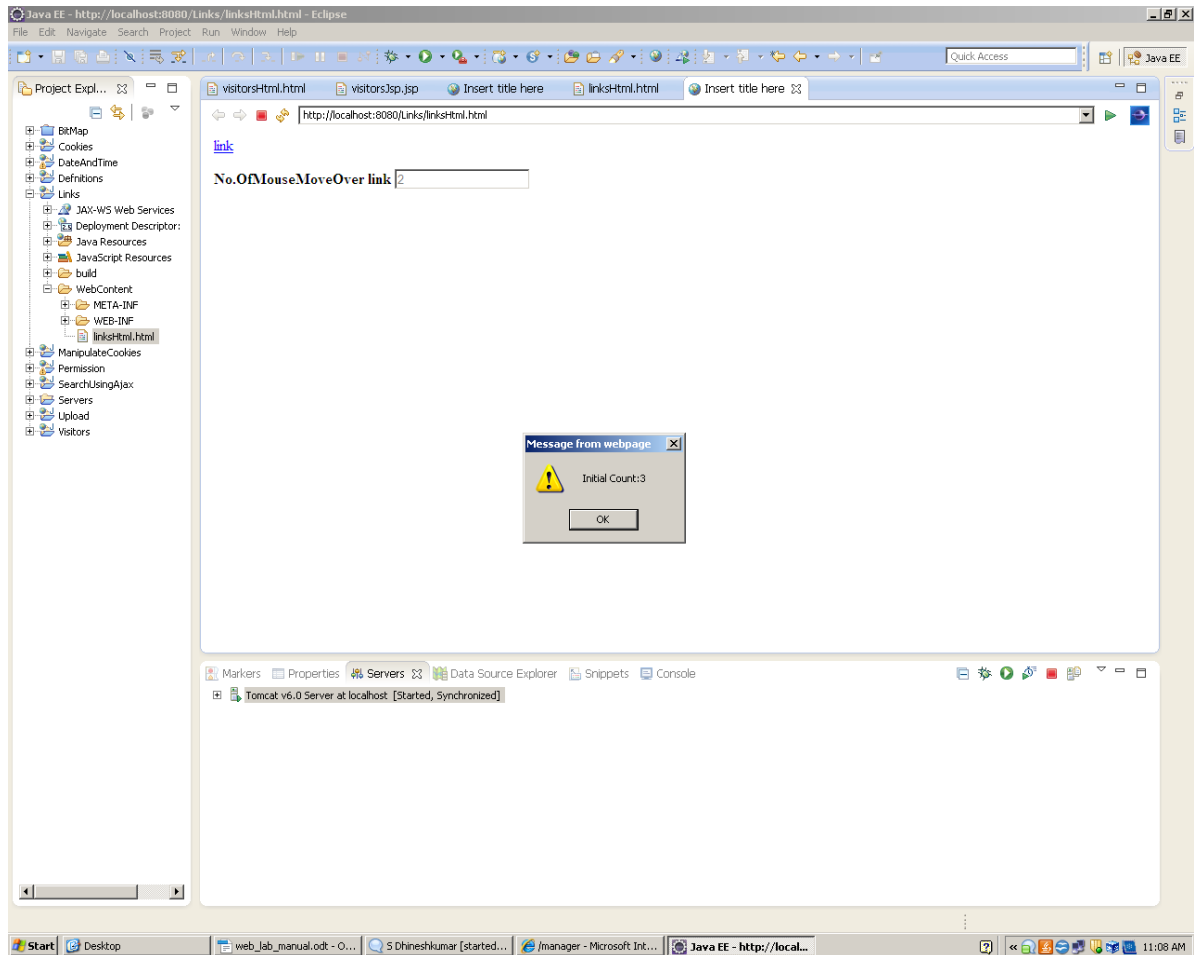
PROGRAM

```

<html>
<head>
<title>Number of times mouse moveover a link</title>
<script language="Javascript">
Var C=0;
funciton Count1()
{
C++;
alert(C);
}
</script>
</head>
<body>
<center>
Displaying Number of times you move over a link
</center>
<form name=?form1?>
<center>
<a href="a.html" name="link" onmouseover="Count1();">Link</a>
<p>
</form>
</body>
</html>

```

OUTPUT



RESULT

Thus the above program executed successfully.

MOVE OVER A LINK
PART- B SCL WORKSHEET

| | |
|--------------------------|--------------|
| Worksheet No : 15 | Date: |
|--------------------------|--------------|

| | | | |
|------|---|--|---------------------------------------|
| 1. | What is function count() ? | | |
| Ans: | | | |
| 2. | What is alert("C"); action? | | |
| Ans: | | | |
| 3. | Where<a> and tags are used? | | |
| Ans: | a) text | b) link | c) alphabetical order |
| 4. | What is the input type? | | |
| Ans: | | | |
| 5. | Which scripting language is used in this program? | | |
| Ans: | | | |
| 6. | How to close script tag? | | |
| Ans: | | | |
| 7. | How to count the number of times, mouse moving over the link? | | |
| Ans: | | | |
| 8. | What variable is used in this program? | | |
| Ans: | | | |
| 9. | Scripting language are | | |
| Ans: | a) High Level Programming language | b) Assembly Level programming language | c) Machine level programming language |
| 10. | If you are not closing the bold tag then what will happen? | | |
| Ans: | | | |

| | | | |
|------|--|------------------------|----------------|
| 11. | Which tag is used to close the title? | | |
| Ans: | | | |
| 12. | <pre><script language="javascript"> function x() { var s = "Quality 100%{!!"; var pattern = /\w/g; var output = s.match(pattern); document.write(output); } </script></pre> <p>What is the Output?</p> | | |
| Ans: | a) %,!,{[,!,! | b) Q,u,a,l,i,t,y,1,0,0 | c) Quality 100 |
| 13. | <p>What is the action of the following statements?</p> <p>C++;</p> | | |
| Ans: | | | |
| 14. | What is the difference between n++ and countn()? | | |
| Ans: | | | |
| 15. | form1.txt.value=C; what is the action of this statement? | | |
| Ans: | | | |

MOVE OVER A LINK

PART – C INFERENCE AND APPLICATIONS

| | |
|-----------------|--|
| 1. | What have you inferred from this experiment? |
| Ans: | |
| EXERCISE | |
| 1. | Write a Java script Program to create a form that collects the first name, last name, email, user id, password and confirm password from the user. All the inputs are mandatory and email address entered should be in correct format. Also, the values entered in the password and confirm password textboxes should be the same. After validating using JavaScript, display proper error messages in red color just next to the textbox when there is an error. |
| Ans: | |

| | |
|--|--|
| | |
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| | |
|--|--|

| |
|-------------------|
| ASSESSMENT |
|-------------------|

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|------------------|----------------------------|
| Ex. No:16 | PERMISSION CHECKING |
| Date: | |

AIM

To write a program to check whether a person will be permitted to open a particular page or not by using permission checker component.

PROCEDURE

1. Create an HTML File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. An object of 'permission checker component' is created.
3. Using that object check whether a particular file has permission to access using 'HasAccess ()' method.
4. If permission is available, a link is displayed, so that the user clicks it to view that file.
5. Otherwise an error message will be displayed.

PROGRAM

Use of permission checker component

Coding for permission checker component:

Validate.JSP:

```
<%--
```

```
Document : index
```

```
Created on : 2 sep, 2014, 5:49:23 PM
```

```
Author : Naveen
```

```
--%>
```

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>user login</title>
```

```
<script type="text/javascript">
```

```
function validate()
```

```
{
```

```
if((document.f1.t1.value=="") || (document.f1.p.value==""))
```

```
{
```

```
window.alert("Please fill the username or password");
```

```
}
```

```
else if((document.f1.t1.value=="admin") && (document.f1.p.value=="1234"))
```

```
{
```

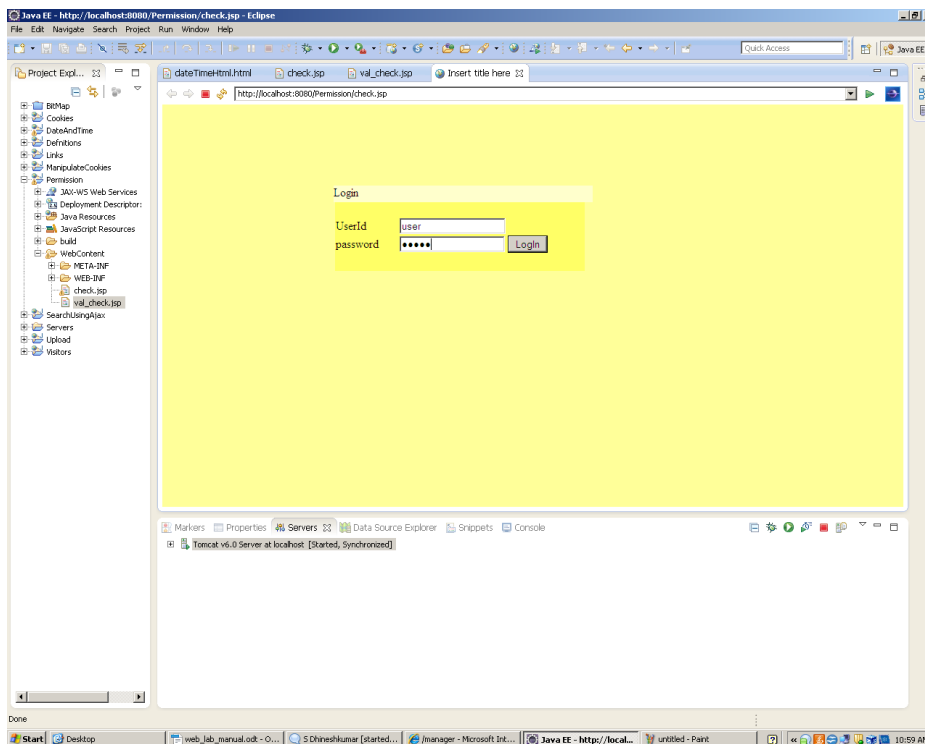
```
window.alert("Login successful....you are authorized to visit this page");
```

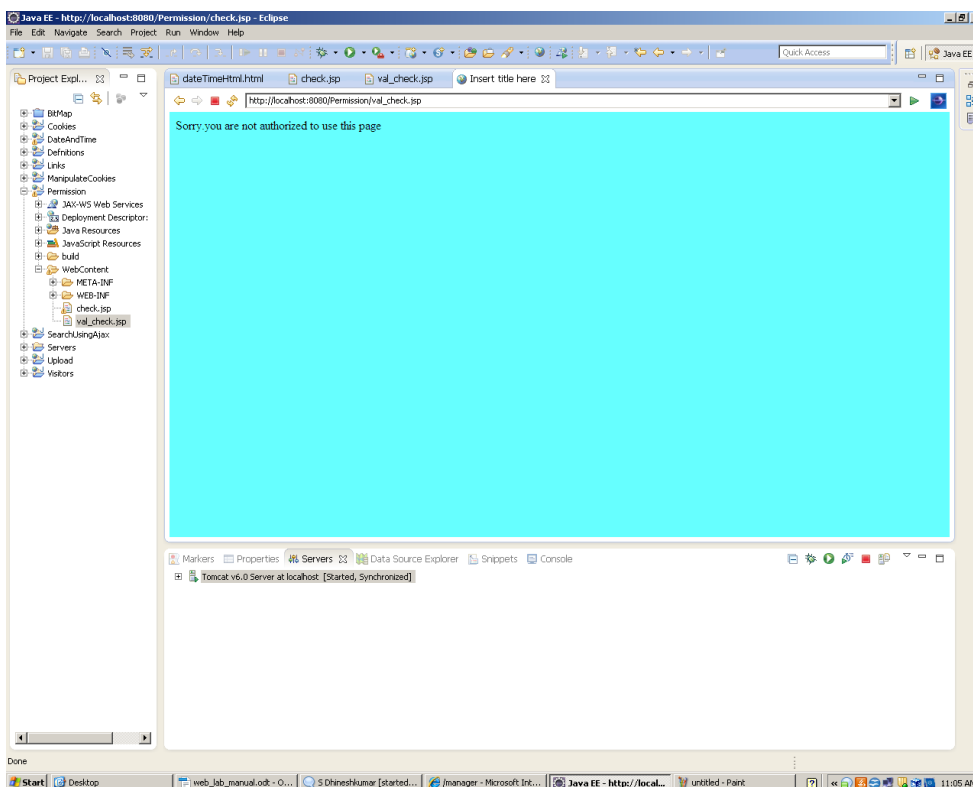
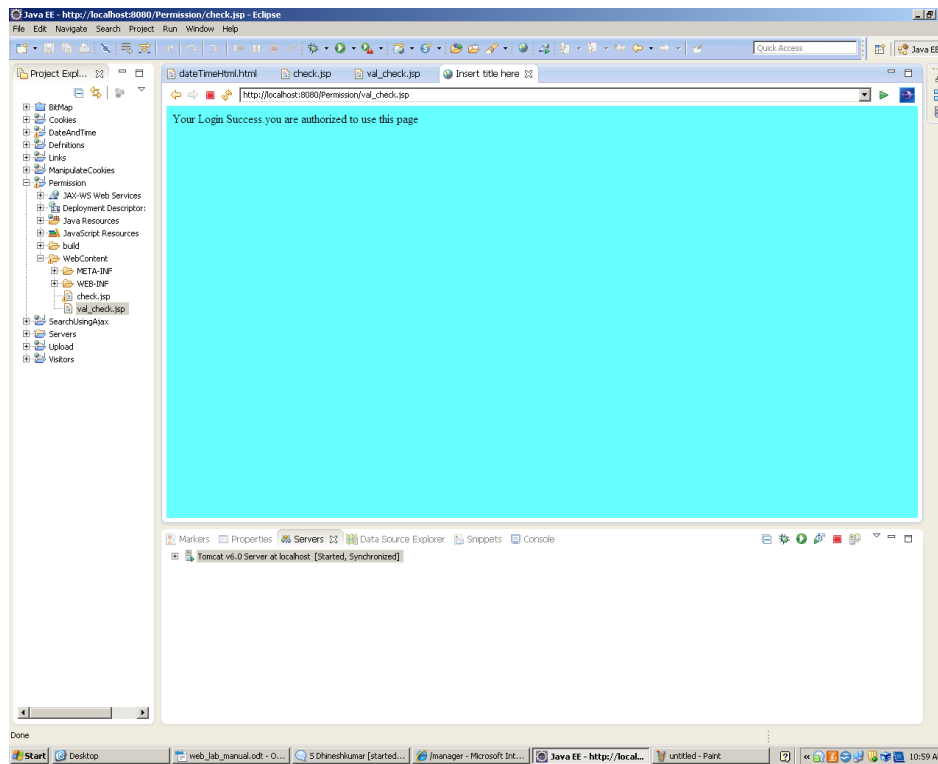
```

}
Else
{
window.alert("Login unsuccessful....you are not authorized to visit this page");
}
</script>
</head>
<body bgcolor="grey">
<form name="f1" onsubmit="validate();" method="POST">
<center>
Username:<input type="text" name="t1"><br>
Password:<input type="password" name="p"><br>
<input type="submit" value="login">
</center>
</form>
</body>
</html>

```

OUTPUT





RESULT

Thus the above program executed successfully.

PERMISSION CHECKING

PART- B SCL WORKSHEET

Worksheet No : 16

Date:

| | | | |
|------|---|------------|--------------|
| 1. | What is the use of permission checker component in ASP? | | |
| Ans: | | | |
| 2. | What is the use of <tr> tag? | | |
| Ans: | | | |
| 3. | What is mean by HasAccess () method? | | |
| Ans: | | | |
| 4. | Which of the following object is not an ASP component? | | |
| Ans: | a) Link counter | b) Counter | c) AdRotator |
| 5. | What is the charset value? | | |
| Ans: | | | |
| 6. | How to set background colour? | | |
| Ans: | | | |
| 7. | Which looping statement is used in this program? | | |
| Ans: | | | |
| 8. | If you are not giving the # value in front of colour value then what will happen? | | |
| Ans: | | | |
| 9. | background-color: #66FFFF In the above coding "F" indicates what? | | |
| Ans: | | | |

| | | | |
|------------|---|-----------------|---------------|
| 10. | Why we give “string” before uid value? | | |
| Ans: | | | |
| 11. | What is the position value “absolute”? What it means? | | |
| Ans: | | | |
| 12. | An alternative way of displaying text on web page is | | |
| Ans: | a) asp:label | b) asp:listitem | c) asp:button |
| 13. | File extension used for ASP.NET files. | | |
| Ans: | a) .Web | b) .ASP | c) .ASPX |
| 14. | If the userid and password is matched then what message will be shown? | | |
| Ans: | | | |
| 15. | If the userid and password is not matched then what message will be shown? | | |
| Ans: | | | |

PERMISSION CHECKING
PART – C INFERENCE AND APPLICATIONS

| | |
|-----------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |

EXCERCISE

1. By using Date() in javascript, display today's date and time.

Ans:

| | |
|--|--|
| | |
|--|--|

ASSESSMENT

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|------------------|---|
| Ex. No:17 | DEVELOP HELLO WORLD APPLICATION USING AJAX |
| Date: | |

AIM

To Develop an AJAX application for a simple hello world application.

PROCEDURE

1. Create an HTML File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. Use <SCRIPT> tag to write a scripting language in html web page.

PROGRAM

Hello world application

Helloworld.html

```
<!DOCTYPE html>
<html>
<head>
<script>
FunctionloadXMLDoc()
{
Varxmlhttp;
if(window.XMLHttpRequest)
{//code for IE7+, Firefox, Chrome, Opera, Safari
xmlhttp=new XMLHttpRequest();
}
Else
{//code for IE6, IE5
xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");
}
Xmlhttp.onreadystatechange=function()
{
If(xmlhttp.readyState===4 && xmlhttp.status===200)
{
document.getElementById("myDiv").innerHTML=xmlhttp.responseText;
}};
Xmlhttp.open("GET","Helloworld.html",true);
Xmlhttp.send();
}
</script>
```

```

</head>
<body>
<div id="myDiv"><h2>Click on the button</h2></div>
<h3>Hai Students..</h3>
<button type="button" onclick="loadXMLDoc();">Click here</button>
</body>
</html>

```

HelloWorld.html

<!--To change this template, choose Tools | Templates

And open the template in the editor.-->

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title></title>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

```
</head>
```

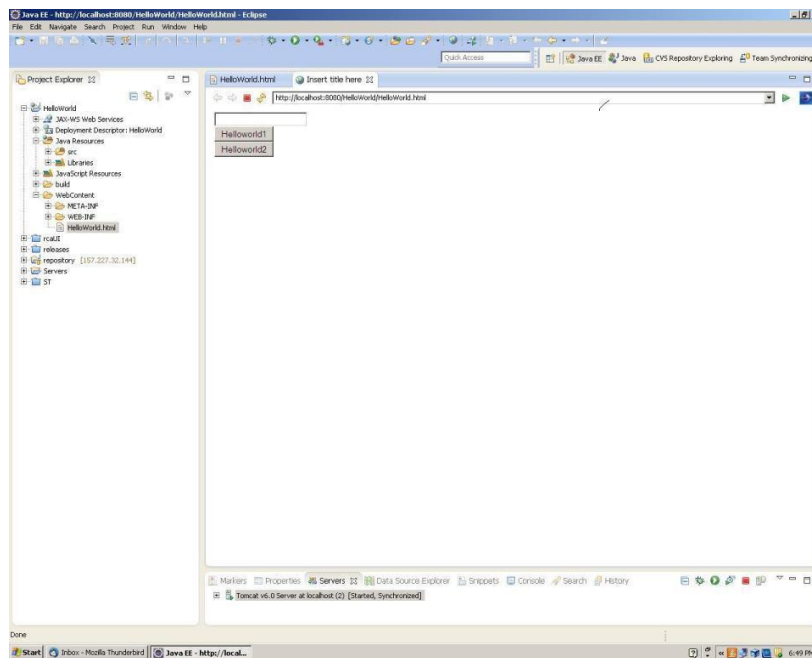
```
<body>
```

```
<h1>Hello World =</h1>
```

```
</body>
```

```
</html>
```

OUTPUT



RESULT

Thus the above program executed successfully.

DEVELOP HELLO WORLD APPLICATION USING AJAX

PART- B SCL WORKSHEET

Worksheet No : 17

Date:

| | |
|------|--|
| 1. | What is the name of object used for AJAX request? |
| Ans: | |
| 2. | How to control the duration of an Ajax request? |
| Ans: | |
| 3. | What is mean by asynchronous request? |
| Ans: | |
| 4. | Define readystate() |
| Ans: | |
| 5. | What is the use of tag? |
| Ans: | |
| 6. | Write the coding to check if the XMLHttpRequest state is finished. |
| Ans: | |
| 7. | function CretxmlHttp() What it means ? |
| Ans: | |
| 8. | What is mean by ActiveXObject object? |
| Ans: | |

| | |
|------------|---|
| 9. | How can we cancel the XMLHttpRequest in AJAX? |
| Ans: | |
| 10. | Write the coding for state change. |
| Ans: | |
| 11. | Define EventHandler |
| Ans: | |
| 12. | Microsoft.XMLHTTP – What is it? |
| Ans: | |
| 13. | What is the action for the following code? document.all ("txtAjax").value=XmlHttp.responseText |
| Ans: | |
| 14. | What is the difference between proxied and proxyless calls in AJAX? |
| Ans: | |
| 15. | What is the variable name used in this program? |
| Ans: | |

DEVELOP HELLO WORLD APPLICATION USING AJAX

PART – C INFERENCE AND APPLICATIONS

| | |
|-----------|--|
| 1. | What have you inferred from this experiment? |
| Ans: | |
| EXCERCISE | |
| 1. | Write an AJAX application with a callback function |
| Ans: | |

| | |
|--|--|
| | |
|--|--|

| |
|-------------------|
| ASSESSMENT |
|-------------------|

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |

| | |
|------------------|--|
| Ex. No:18 | GET SERVER DATE AND TIME FROM JSP PAGE USING AJAX |
| Date: | |

AIM

To develop an AJAX application to get server date and time from a JSP page using AJAX

PROCEDURE

1. Create an HTML File with <HTML>, <TITLE>, <HEAD>, <BODY> tags.
2. Use <SCRIPT> tag to write a scripting language in html web page.

PROGRAM

Time.jsp :

```
%@page contentType="text/html" import="java.util.*" %
<html>
<head>
<body>
<h1>
<%
response.getWriter().write((new Date()).toString());
%>
</h1>
</body>
</html>
```

Time.html:

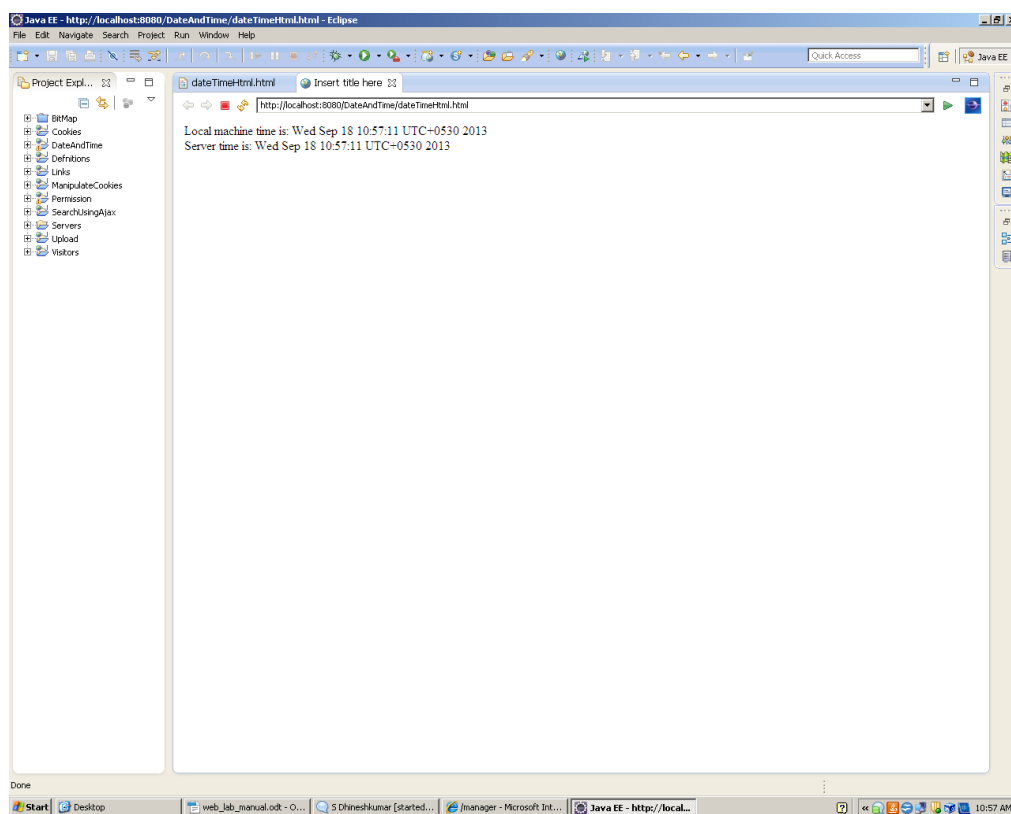
```
<!DOCTYPE html>
<html>
<head>
<script>
functionloadXMLDoc()
{
Varxmlhttp;
if(window.XMLHttpRequest)
{ // code for IE7+, Firefox, Chrome, Opera, Safari
xmlhttp=new XMLHttpRequest();
}
else
{ //code for IE6, IE5
xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");
}
```

```

xmlhttp.onreadystatechange=function()
{
if(xmlhttp.readyState===4&&xmlhttp.status===200)
{
Document.getElementById("myDiv").innerHTML+xmlhttp.responseText;
}
};
xmlhttp.open("GET","time.jsp",true);
xmlhttp.send();
}
</script>
</head>
<body>
<div id="myDiv"><h2>Click on the Button</h2></div>
<button type="button" onclick="loadXMLDoc();">Time</button>
</body>
</html>

```

OUTPUT



RESULT

Thus the above program executed successfully.

GET SERVER DATE AND TIME FROM JSP PAGE USING AJAX

PART- B SCL WORKSHEET

Worksheet No : 18 Date:

| | | | |
|------|--|-----------------|------------|
| 1. | Is AJAX code cross browser compatible? | | |
| Ans: | | | |
| 2. | What is the function name which you are given? | | |
| Ans: | | | |
| 3. | What is xmlhttp.setRequestHeader("Content-Type", "text/html"); action? | | |
| Ans: | | | |
| 4. | How can you go to jsp page? | | |
| Ans: | | | |
| 5. | ----- method returns the number of milliseconds in a date string. | | |
| Ans: | a) setHours() | b) setMinutes() | c) parse() |
| 6. | document.write() how it works? | | |
| Ans: | | | |
| 7. | How AJAX applications can be debugged? | | |
| Ans: | | | |
| 8. | ajax.js - What it means? | | |
| Ans: | | | |

| | | |
|------------|--|---------------|
| 9. | What is xmlhttp.send(""); action ? | |
| Ans: | | |
| 10. | Define : src | |
| Ans: | | |
| 11. | <pre><script type="text/javascript"> document.write("<h1>This is a heading</h1>"); document.write("<p>This is a paragraph.</p>"); document.write("<p>This is another paragraph.</p>"); </script></pre> <p>Can you write HTML tag inside the javascript ?</p> | |
| Ans: | a) No | b) Yes |
| | | c) Impossible |
| 12. | The statement which comes after this // , is it executable or not? | |
| Ans: | | |
| 13. | How it works? xmlHttp.open('HEAD',window.location.href.toString(),false); | |
| Ans: | | |
| 14. | Choose the external object | |
| Ans: | a) Date | b) Option |
| | | c) Checkbox |
| 15. | How to save ajax application? | |
| Ans: | | |

GET SERVER DATE AND TIME FROM JSP PAGE USING AJAX

PART – C INFERENCE AND APPLICATIONS

| | |
|-----------|---|
| 1. | What have you inferred from this experiment? |
| Ans: | |
| EXCERCISE | |
| 1. | Write an AJAX program to retrieve content from a database |
| Ans: | |

| | |
|--|--|
| | |
|--|--|

ASSESSMENT

| | | | |
|---------------------------------|--|---|------------|
| Name of the Student | | Name of the facilitator | |
| Register Number | | Comments: | |
| Year / Semester | | Marks(8+5+2) | /15 |
| Signature of the student | | Signature of the facilitator with date | |