



HTML & JavaScript

Practice Questions

BY DHEERAJ SINGH

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HTML & JavaScript Practice Questions

By

Dheeraj Singh

About the Book

The book is a complete set of HTML and JavaScript Programming Examples. The examples are well tested and based on the syllabus of Masters Degree of Computer Science Students.

About the Author



Dheeraj Singh, an enthusiastic student and teacher, loves computers and programming languages like HTML, JavaScript, C, C++ and Java. He is having the post graduation degree on Economics. Despite of getting a degree in Economics, he is always found surrounded by computers. He is currently running his own tutorials on Programming Languages online. He has written this book at an early age of 20. The main aim of Dheeraj to write this book is to clear the small and necessary doubts of students willing to start programming in HTML and JavaScript.

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1. Write a program to implement marquee tag with it's attributes.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>Maquee Tag Example!!!</TITLE>
```

```
</HEAD>
```

```
<BODY> <font color="blue"><marquee  
width="100%" height="15%" behavior="slide"  
direction="right" scrollldelay=10 scrollamount=8  
loop=20>
```

```
<h1>An Example of Marquee Tag ---</h1>
```

```
</marquee>
```

```
<marquee behavior="scroll" direction="left">
```

```
<h1><--- Moving in Left Direction </h1>
```

```
</marquee> </font>
```

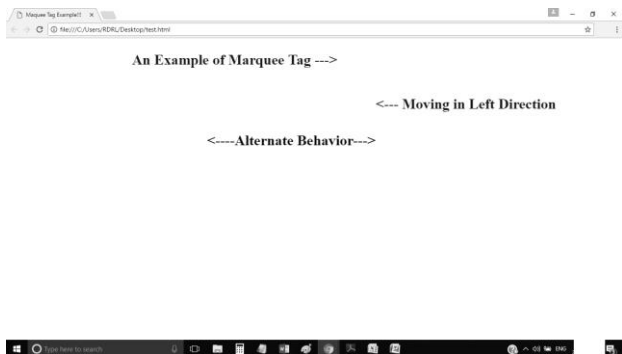
```
<marquee behavior="alternate">
```

```
<h1><----Alternate Brhavior---></h1>
```

```
</marquee>
```

```
</BODY> </HTML>
```

Coding Output



2. Write a program to display class time table using HTML.

```
<HTML>

<HEAD>

  <TITLE>CLASS TIME TABLE</TITLE>

</HEAD>

<BODY>

  <H2 align="center">MSc 2<SUP>nd</SUP>
  SEMESTER </H2>

  <BR>

  <H4 align="center">Class Time Table</H4>

  <TABLE border=1 align="center">

    <tr>

      <th>DAY</th>

      <th>12:00-2:00</th>

      <th>2:00-2:45</th>

      <th>2:45-3:15</th>

      <th>3:15-4:30</th>
```

```
<th>4:30-5:00</th>

</tr>

<tr>

<td>MONDAY</td>

<td>OOPs LAB(batch I)</td>

<td>TOC</td>

<td>POS</td>

<td>WT</td>

<td>DM</td>

</tr>

<tr>

<td>TUESDAY</td>

<td>OOPs LAB(batch II)</td>

<td>TOC</td>

<td>OOP</td>

<td>WT</td>

<td>DM</td>

</tr>
```

```
<tr>

    <td>WEDNESDAY</td>

    <td>WT LAB(batch I)</td>

    <td>POS</td>

    <td>OOP</td>

    <td>WT</td>

    <td>DM</td>

</tr>

<tr>

    <td>THURSDAY</td>

    <td>-</td>

    <td>POS</td>

    <td>OOP</td>

    <td>TOC</td>

    <td>DM</td>

</tr>

<tr>
```


<td>FRIDAY</td>

<td>WT LAB(batch II)</td>

<td>POS</td>

<td>OOP</td>

<td>TOC</td>

<td>WT</td>


</tr>

</TABLE>

</BODY>

</HTML>

Coding Output



CLASS TIME TABLE

file:///C:/Users/NDRL/Desktop/text.html

MSc 2nd SEMESTER

Class Time Table

DAY	12.00-2.00	2.00-2.45	2.45-3.15	3.15-4.30	4.30-5.00
MONDAY	COOP LAB/batch 1	TOC	POB	WT	DM
TUESDAY	COOP LAB/batch 2	TOC	COOP	WT	DM
WEDNESDAY	WT LAB/batch 1	POB	COOP	WT	DM
THURSDAY		POB	COOP	TOC	DM
FRIDAY	WT LAB/batch 2	POB	COOP	TOC	WT

3. Write a program to implement a form using HTML.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>FORM EXAMPLE</TITLE>
```

```
</HEAD>
```

```
<BODY>
```

```
<FORM>
```

```
<H2 align="center">Employee Data</H2>
```

```
<center>
```

```
EMPLOYEE NAME :
```

```
<input type="text" name="sname">
```

```
<br><br>
```

```
FATHER'S NAME :
```

```
<input type="text" name="fname">
```

```
<br><br>
```

```
GENDER :
```

```
<input type="radio" name="gendr"
value="male" checked>Male
```

```
<input type="radio" name="gendr"
value="femal">Female
```

```
<br><br>
```

Department :

```
<select name=department>
```

```
<option value="msc">SALES</option>
```

```
<option
value="mca">ACCOUNT</option>
```

```
</select>
```

```
<br><br>
```

HOBBY :

```
<input type="checkbox" name="hoby"
value="singing" checked>Singing
```

```
<input type="checkbox" name="hoby"
value="Dancing">Dancing
```

```
<input type="checkbox" name="hoby"
value="Chess">Chess
```

```
<br><br>
```

ADDRESS :

```
<textarea rows=3 name="add">
```

```
</textarea>
```

```
<br><br>
```

CREATE PASSWORD :

```
<input type="password" name="pwd">
```

```
<br><br>
```

```
<input type="reset" value="RESET">
```

```
<input type="submit" value="SUBMIT">
```

```
</center>
```

```
</FORM>
```

```
</BODY>
```

```
</HTML>
```

Coding Output



The screenshot shows a web browser window with the title 'TOM DAPPLE'. The address bar displays the file path 'file:///C:/Users/REDU/Desktop/next.html'. The page content is a form titled 'Employee Data' with the following fields and options:

- EMPLOYEE NAME:
- FATHER'S NAME:
- GENDER: ☒ Male ☐ Female
- Department:
- HOBBY: ☒ Singing ☐ Dancing ☐ Chess
- ADDRESS:
- CREATE PASSWORD:

At the bottom of the form are two buttons: 'RESET' and 'SUBMIT'.

4. Write a program to implement img with it's attributes.

```
<HTML>

<HEAD>

  <TITLE>IMG EXAMPLE</TITLE>

</HEAD>

<BODY>

  <center>

    <H2>image example</H2>

  </center>

</BODY>

</HTML>
```

Coding Output



5. Write a program to implement subscript and superscript USING HTML.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>HTML Subscript and  
superscript</TITLE>
```

```
</HEAD>
```

```
<BODY>
```

```
<center>
```

```
<H2>
```

```
    SUBSCRIPT : H<sub>2</sub>O =  
H<sub>2</sub> + O
```

```
<br><br>
```

```
    SUPERSCRIPT : 2<sup>4</sup> = 16
```

```
</H2>
```

```
</center>
```

```
</BODY>
```

```
</HTML>
```

Coding Output



6. Write a program to implement frames in HTML.

```
<HTML>

<HEAD>

  <TITLE>Frame Test...</TITLE></HEAD>

  <FRAMESET COLS="30%,70%">

    <FRAMESET ROWS="75%,25%">

      <FRAME SRC="1.html" NAME="menu">

      <FRAME SRC="2.html" NAME="logo">

    </FRAMESET>

  <FRAMESET ROWS="*">

    <FRAME SRC="3.html" NAME="main">

  </FRAMESET>

</FRAMESET>

</HEAD>

</HTML>
```

7. Write a program to implement SVG (Scalable Vector Graphics) in HTML.

```
<HTML>

<HEAD>

  <TITLE>SVG EXAMPLE</TITLE>

</HEAD>

<BODY>

  <svg width="300" height="200">

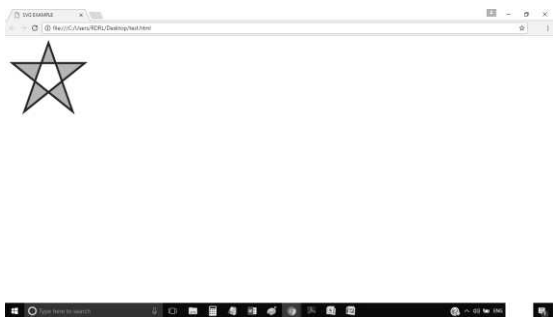
    <polygon
points="100,10,40,180,190,60,10,60,160,180"
style="fill:lime;stroke:purple;stroke-width:5;fill-
rule:evenodd;" />

  </svg>

</BODY>

</HTML>
```

Coding Output



8. Write a program to implement inline CSS in HTML.

```
<HTML>

<HEAD>

  <TITLE>CSS EXAMPLE</TITLE>

</HEAD>

<BODY>

  <h1 style="background-color:#d0e4fe;font-size:100px;" />

    Inline CSS

  </h1>

</BODY>

</HTML>
```

Coding Output



9. Write a program to implement internal CSS in HTML.

```
<HTML>

<HEAD>

  <TITLE>CSS EXAMPLE</TITLE>

  <style>

    h1

    {

      font-size: 100px;

      background-color: yellow;

    }

  </style>

</HEAD>

<BODY>

  <h1>

    Internal CSS

  </h1> </BODY>

</HTML>
```


Coding Output



10. Write a program to implement external CSS in HTML.

```
<HTML>

<HEAD>

  <TITLE>CSS EXAMPLE</TITLE>

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

</HEAD>

<BODY>

  <h1>

    External CSS

  </h1>

</BODY>

</HTML>
```

extrnal.css

```
h1{ font-size: 200px;

background-color: #d0e4fe;

font-style:italic; }
```

Coding Output



External CSS

11. Write a program to show alert(), prompt() and confirm().

```
<HTML>

<HEAD>

  <TITLE>Predefined Functions</TITLE>

</HEAD>

<BODY>

  <script>

    alert("CONTINUE....?");

    var txt="";

    var name = prompt("Enter your name...");

    var b = confirm("Are you sure???");

    if(b) document.write("<h1>Welcome  
"+name+"</h1>");

    else document.write("<h1>Input is  
cacelled!!!!</h1>")

  </script>

</BODY>
```

Coding Output



12. Write a program to factorial number using recursive function.

<HTML>

<HEAD>

<TITLE>Predefined Functions</TITLE>

<script>

function fun()

{

var n = document.getElementById("n").value;

fact(n);

}

var f=1;

function fact(n)

{

if(n>0)

{

f = f*n;

fact(n-1);

```
        }

        else
document.getElementById("result").innerHTML =
"Factorial = "+f;

    }

</script>

</HEAD>

<BODY>

    <br><br>

    Enter any number :

    <input type="text" id="n">

    <br><br>

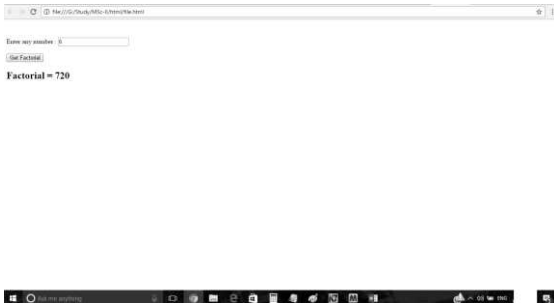
    <input type="submit" value="Get Factorial"
Onclick="fun()">

    <h2 id="result"></h2>

</BODY>

</HTML>
```

Coding Output



13. Write a program to find cube of the given number using function.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>Predefined Functions</TITLE>
```

```
<script>
```

```
function fun()
```

```
{
```

```
var n = document.getElementById("n").value;
```

```
document.getElementById("result").innerHTML =
```

```
"Result = "+n*n*n;
```

```
}
```

```
</script>
```

```
</HEAD>
```

```
<BODY>
```

```
<br><br>
```

Enter any number :

```
<input type="text" id="n">
```

```
<br><br>
```

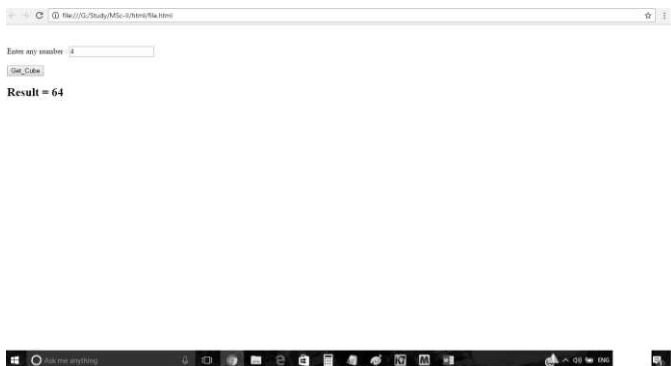
```
<input type="submit" value="Get_Cube"  
Onclick="fun()">
```

```
<h2 id="result"></h2>
```

```
</BODY>
```

```
</HTML>
```

Coding Output



14. Write a program to convert Celsius to Fahrenheit using function.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>Predefined Functions</TITLE>
```

```
<script>
```

```
function fun()
```

```
{
```

```
var n = document.getElementById("n").value;
```

```
var r = n*9/5 +32;
```

```
document.getElementById("result").innerHTML  
= "Result = "+r+" Fahrenheit";
```

```
}
```

```
</script>
```

```
</HEAD>
```

```
<BODY>
```

```
<br><br>
```

Enter any number :

```
<input type="text" id="n">
```

```
<br><br>
```

```
<input type="submit" value="Get_Cube"  
Onclick="fun()">
```

```
<h2 id="result"></h2>
```

```
</BODY>
```

```
</HTML>
```

Coding Output



15. Write a program to input two integers and display the larger using if() and else if().

```
<HTML>

<HEAD>

  <TITLE>Predefined Functions</TITLE>

</HEAD> <BODY>

  <script>

    var a = prompt("Enter first number....");

    var b = prompt("Enter second number....");

    if(a>b) document.write("<h2>"+"a+" is greater
than "+b+"</h2>");

    else if(b>a) document.write("<h2>"+"b+" is
greater than "+a+"</h2>");

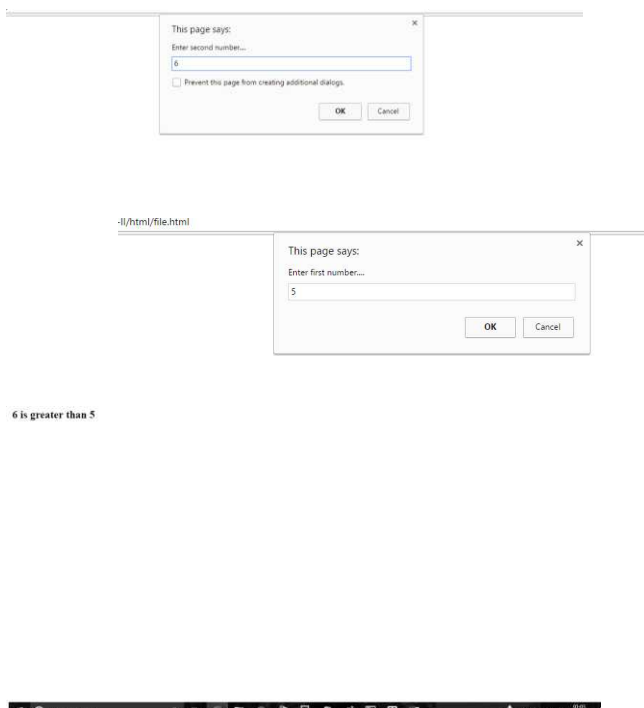
    else document.write("<h2>both are
equals</h2>");

  </script>

</BODY>

</HTML>
```


Coding Output



16. Write a program to find out armstrong number of 3 digits using loop;

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>Armstrong Numbers</TITLE>
```

```
</HEAD>
```

```
<BODY>
```

```
<script>
```

```
var i;
```

```
document.write("<h2>Armstrong Numbers");
```

```
for(i=1;i<=999;i++)
```

```
{
```

```
if(Math.floor(i/100) == Math.floor(i%10))
```

```
{
```

```
if(Math.floor(i/100)==0)
```

```
document.write("<br>0"+i);
```

```
else document.write("<br>" +i);
```

```
}
```

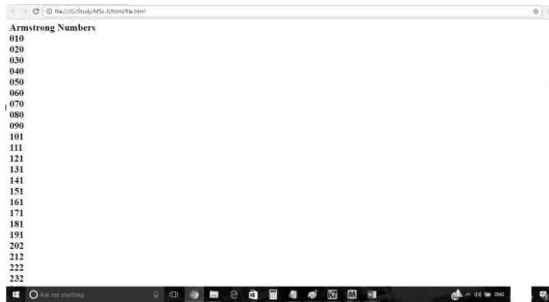
```
}
```

```
</script>
```

```
</BODY>
```

```
</HTML>
```

Coding Output



A screenshot of a Notepad++ window titled "Notepad++ - DheerajSingh". The window contains a list of Armstrong numbers. The text is as follows:

```
Armstrong Numbers
010
020
030
040
050
060
070
080
090
101
111
121
131
141
151
161
171
181
191
202
212
222
232
```

17. Write a javaScript program to construct the following pattern using nested for loop.

```
<HTML>

<HEAD>

  <TITLE>Pattern</TITLE>

</HEAD>

<BODY>

  <script>

    var i,j;

    document.write("<h2>Pattern:<br>");

    for(i=0;i<10;i++)

    {

      for(j=0;j<=i;j++)

        document.write(" *");

      document.write("<br>");

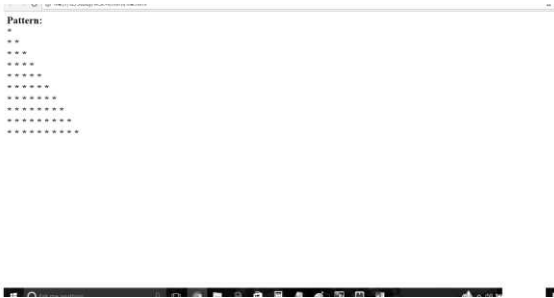
    }

  </script>
```

</BODY>

</HTML>

Coding Output



18. Write a javascript program to compute the greatest common divisor(GCD) of two positive integers using while loop.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>Pattern</TITLE>
```

```
<script>
```

```
function gcd()
```

```
{
```

```
    var x = document.getElementById("x").value;
```

```
    var y = document.getElementById("y").value;
```

```
    var hcf=1;
```

```
    if(x<y)
```

```
    {
```

```
        var t = x;
```

```
        x = y;
```

```
        y = t;
```

```
    }  
    while(hcf!=0)  
    {  
        hcf = x%y;  
        x = y;  
        y = hcf;  
    }  
    document.getElementById("result").innerHTML  
= "GCD = "+x;  
    }  
</script>  
</HEAD>  
<BODY>  
<h2>  
    Enter two numbers :  
    <input type="text" id="x">  
    <input type="text" id="y">  
</h2>
```

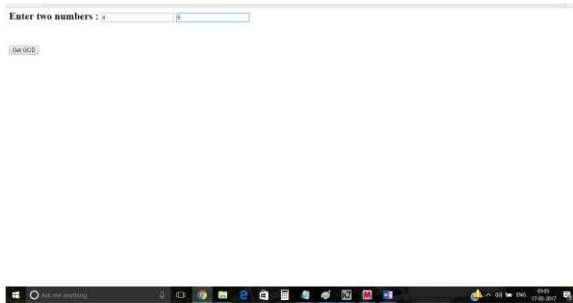

<input type="submit" value="Get GCD"
Onclick="gcd()">

<h2 id="result"></h2>

</BODY>

</HTML>

Coding Output



Enter two numbers : 4 8

[Get GCD](#)

GCD=1

19. Write a javascript function to convert a decimal number to binary, hexadecimal to octal number using switch case.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>Pattern</TITLE>
```

```
<script>
```

```
function convert()
```

```
{
```

```
    var n =
```

```
document.getElementById("x").value;
```

```
    var a = 0;
```

```
    if(document.getElementById("1").checked)
```

```
        a=1;
```

```
    else
```

```
    if(document.getElementById("2").checked)
```

```
        a=2;
```

```
    else
```

```
    if(document.getElementById("3").checked)
```

```
    a=3;

    switch(a)
    {
        case 1:
            var x=0,i=0;

            while(n>0)
            {
                x = x + n%2*Math.pow(10,i);

                n = Math.floor(n/2);

                i++;
            }

            document.getElementById("result").innerHTML =
            "Binary value : "+x;

            break;

        case 2:
            var x=0,i=0;

            while(n>0)
            {
```

```
x = x + n%16*Math.pow(10,i);
```

```
n = Math.floor(n/16);
```

```
i++;
```

```
}
```

```
document.getElementById("result").innerHTML =  
"Hexadecimal value : "+x;
```

```
break;
```

```
case 3:
```

```
var x=0,i=0;
```

```
while(n>0)
```

```
{
```

```
x = x + n%8*Math.pow(10,i);
```

```
n = Math.floor(n/8);
```

```
i++;
```

```
}
```

```
document.getElementById("result").innerHTML =  
"Octal value : "+x;
```

```
        break;

        default:
document.getElementById("result").innerHTML =
"Please select converter type";

    }

}

</script>

</HEAD>

<BODY>

<p>

    Enter two numbers :

    <input type="text" id="x">

    <br><br>

    <input type="radio" name="cnvrt" value="1"
id="1">Binary

    <input type="radio" name="cnvrt" value="2"
id="2">Hexadecimal

    <input type="radio" name="cnvrt" value="3"
id="3">Octal

</p>
```

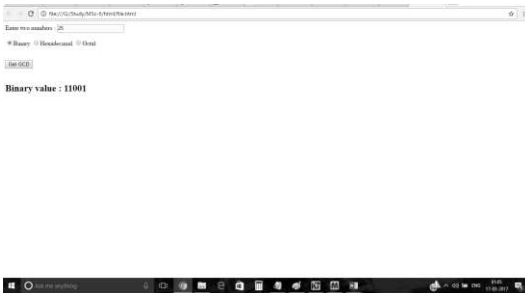

<input type="submit" value="Get GCD"
OnClick="convert()">

<h2 id="result"></h2>

</BODY>

</HTML>

Coding Output



20. Write a javascript program to find the most frequent item of an array.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>Array</TITLE>
```

```
</HEAD>
```

```
<BODY>
```

```
<script>
```

```
var arr = [3,2,3,2,2,2,2,2,4];
```

```
var a=1,c=0,item=arr[0],i,j;
```

```
for(i=0;i<arr.length;i++)
```

```
{
```

```
    for(j=i;j<arr.length;j++)
```

```
        if(arr[i]==arr[j]) c++;
```

```
        if(c>a)
```

```
        {
```

```
        item = arr[i];

        a = c;

    }

    c=0;

}

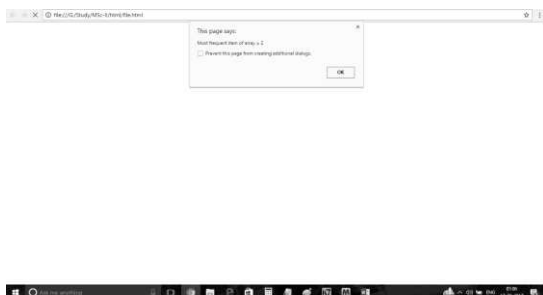
alert("Most frequent item of array = "+item);

</script>

</BODY>

</HTML>
```

Coding Output



21. Write a javascript function to get the number of days in month.

```
<HTML>

<HEAD>

  <TITLE>Date</TITLE>

  <script>

    function getdays()

    {

      var m =
document.getElementById("m").value;

      var y = document.getElementById("y").value;

      var day = new Date(y,m,0).getDate();

document.getElementById("result").innerHTML =
day+" Days";

    }

  </script>

</HEAD>

<BODY>
```

<p>

Month :

<input type="text" id="m">

Year :

<input type="text" id="y">

<input type="submit" value="Get_Days"
Onclick="getdays()">

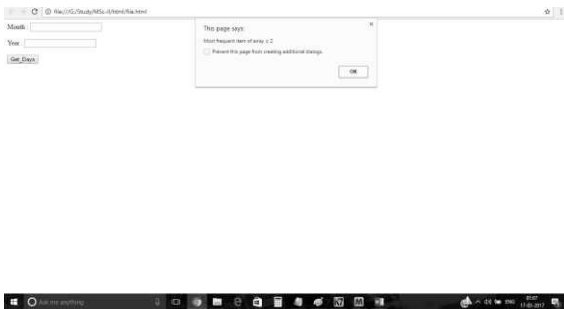
<h2 id="result"></h2>

</p>

</BODY>

</HTML>

Coding Output



22. Write a javascript function to add specified minutes to a Date object.

```
<HTML>

<HEAD>

  <TITLE>Date</TITLE>

  <script>

    function add()

    {

      var m =
document.getElementById("m").value;

      var someDate = new Date();

someDate.setMinutes(someDate.getMinutes()+m);

document.getElementById("result").innerHTML =
"Minutes "+someDate.getMinutes();

    }

  </script>

</HEAD>
```

<BODY>

<p>

Minutes to add :

<input type="text" id="m">

<input type="submit" value="ADD"
Onclick="add()">

<h2 id="result"></h2>

</p>

</BODY>

</HTML>

Coding Output



23. Write a program to display function of keyboard.

```
<html>

<head>

<script language="JavaScript">

function keyDown(){

alert("key pressed");

}

function keyUp(){

alert("key released");

}

function keypress(){

alert("key pressed and released");

}

</script>

</head>

<body>

<input type="text" OnKeyDown="keyDown()"><br>
```

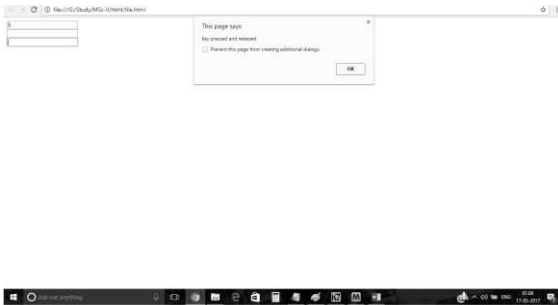
```
<input type="text" OnKeyUp="keyUp()"><br>
```

```
<input type="text" Onkeypress="keypress()"><br>
```

```
</body>
```

```
</html>
```

Coding Output



24. Write a program to display mouse event using which property.

```
<html>

<head></head>

<body>

<div onmousedown="whichbutton(event)">click this
text with one of the mouse button to return number.

<p>1=the left mouse button</p>

<p>2=the middle mouse button</p>

<p>3=the right mouse button</p>

</div>

<p><strong>Note:</strong>The which property is not
supported by IE 8 or earlier versions</p>

<script language="JavaScript">

function whichbutton(event){

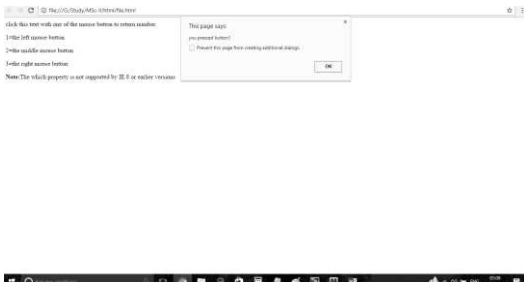
alert("you pressed button"+event.which);}

</script>

</body>

</html>
```

Coding Output



25. Write a program to display load and unload event.

```
<html>

<head>

<script language="JavaScript">

function load(){

alert("onload webpage");

}

function unload(){

alert("unload a webpage");

}

</script></head>

<body Onload="load()"
Onunload="unload()">

</body>

</html>
```

Coding Output



26. Write a program to receive real data from the user and store it in a cookie.

```
<html>

<head>

<title>JavaScript creating cookies - receive real data.
example1</title>

</head>

<body>

<h1 style="color: red">JavaScript creating cookies,
receive real data. - example1</h1><br>

<hr />

<script type="text/javascript">

//This is done to make the following JavaScript code
compatible to XHTML. <![CDATA[

var visitor_name = prompt("What's your name?", "");

var expr_date = new Date("July 30, 2017");

var cookie_date = expr_date.toUTCString();

final_cookie = "Name =" +
encodeURIComponent(visitor_name) + ";expires_on =" +
+ cookie_date;
```

```
document.cookie = final_cookie;
```

```
alert(final_cookie);
```

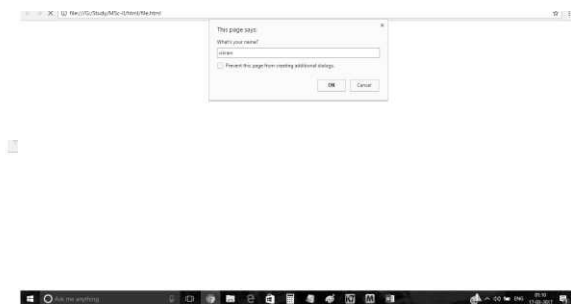
```
//]]>
```

```
</script>
```

```
</body>
```

```
</html>
```

Coding Output



27. Write a program to retrieve values from cookie.

```
<html>

<head>

<title>JavaScript : Retrieve values from a cookie -
example1</title>

</head>

<body>

<h1 style="color: red">JavaScript : Retrieve values from
a cookie - example1</h1>

<hr />

<script type="text/javascript">

//This is done to make the following JavaScript code
compatible to XHTML. <![CDATA[

var search_cookie = "my_cookie" + "="

if (document.cookie.length > 0)

{

// Search for a cookie.

offset = document.cookie.indexOf(search_cookie)
```

```
if (offset != -1)

{

offset += search_cookie.length

// set index of beginning of value

end = document.cookie.indexOf(";",offset)

if (end == -1)

{

end = document.cookie.length

}

alert(decodeURIComponent(document.cookie.substring(
offset, end)))

}

}

//]]>


</script>

</head>

</body>

</html>
```

Coding Output



JavaScript : Retrieve values from a cookie - example1

28. Write a javascript program to check form validation.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>FORM EXAMPLE</TITLE>
```

```
<script>
```

```
function validation()
```

```
{
```

```
var
```

```
x=document.forms["myForm"]["sname"].value;
```

```
if(x==null||x=="")
```

```
    alert("Student Name must be fielled  
Out!!!");
```

```
    x =
```

```
document.forms["myForm"]["fname"].value;
```

```
    alert("Father's Name must be fielled Out!!!");
```

```
    if(!document.getElementById("m").checked ||  
!document.getElementById("f").checked)
```

```
        alert("Please select Gender");
```

```
//Email Validation
```

```
x=document.forms["myForm"]["email"].value;

    var atpos=x.indexOf("@");
    var dotpos=x.lastIndexOf(".");

    if (atpos<1 || dotpos<atpos+2 ||
dotpos+2>=x.length)

    {

        alert("Not a valid e-mail address");

        return false;

    }

    var len
=document.forms["myForm"]["pwd"].length;

    if(len<8) alert("Your Password is weak!!!");

}

</script>

</HEAD>

<BODY>

    <FORM name="myForm">
```


<H2 align="center">STUDENT
REGISTRATION</H2>

<center>

STUDENT NAME :

<input type="text" name="sname">

FATHER'S NAME :

<input type="text" name="fname">

GENDER :

<input type="radio" name="gendr"
value="male" checked id="m">Male

<input type="radio" name="gendr"
value="femal" id="f">Female

COURSE :

<select name=course>

<option value="msc">MSC</option>

<option value="mca">MCA</option>

</select>

HOBBY :

<input type="checkbox" name="hoby"
value="singing" checked>Singing

<input type="checkbox" name="hoby"
value="Dancing">Dancing

<input type="checkbox" name="hoby"
value="Chess">Chess

Email Address :

<input type="text" name="email">

</textarea>

CREATE PASSWORD :

<input type="password" name="pwd">

<input type="reset" value="RESET">

<input type="submit" value="SUBMIT"
Onclick="validation()">

</center>

</FORM>

</BODY>

</HTML>

Coding Output

The screenshot displays a web browser window with a student registration form. The form is titled "STUDENT REGISTRATION" and includes the following fields and options:

- STUDENT NAME:
- FATHER'S NAME:
- GENDER: ☒ Male ☐ Female
- COURSE:
- HOBBY: ☒ Singing ☐ Dancing ☐ Chess
- Email Address:
- CREATE PASSWORD:

At the bottom of the form are two buttons: "RESET" and "SUBMIT".

A security warning dialog box is overlaid on the form, stating: "This page says: 'Your browser is not secure.' Do you want to continue? (Warning: This page has security-related errors.)". The dialog has a "YES" button.

The browser's address bar shows the URL: "http://localhost:8080/". The taskbar at the bottom of the screen shows various application icons and the system clock.

29. Write a javascript program to display digital clock.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>Clock</TITLE>
```

```
<script>
```

```
function startTime()
```

```
{
```

```
var today=new Date();
```

```
var h=today.getHours();
```

```
var m=today.getMinutes();
```

```
var s=today.getSeconds();
```

```
// add a zero in front of numbers<10
```

```
m=checkTime(m);
```

```
s=checkTime(s);
```

```
document.getElementById('txt').innerHTML=h+":"+m+  
":"+s;
```

```
t=setTimeout(function(){startTime()},500);
```

```
    }

    function checkTime(i)

    {
        if (i<10)
        {
            i="0" + i;
        }
        return i;
    }
</script>

</HEAD>

<body onload="startTime()">

    <h1 align="center" id="txt"></div>

</body>

</HTML>
```

Coding Output



30. Write a javascript program to implement any two string method.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>Date</TITLE>
```

```
<script>
```

```
function strmethod()
```

```
{
```

```
    var str =
```

```
document.getElementById("m").value;
```

```
    var txt = str.toUpperCase();
```

```
    var rpc = str.replace("kumar","Kaushik");
```

```
    document.getElementById("result").innerHTML  
= "toUpperCase() : "+txt+"<br>replace() : "+rpc;
```

```
}
```

```
</script>
```

```
</HEAD>
```

```
<BODY>
```

```
<p>
```


Enter String :

```
<input type="text" id="m">
```

```
<br><br>
```

```
    <input type="submit" value="Apply_method"
Onclick="strmethod()">
```

```
<br>
```

```
<h2 id="result"></h2>
```

```
</p>
```

```
</BODY>
```

```
</HTML><HTML>
```

```
<HEAD>
```

```
<TITLE>Date</TITLE>
```

```
<script>
```

```
function strmethod()
```

```
{
```

```
    var str =
document.getElementById("m").value;
```

```
    var txt = str.toUpperCase();
```

```
    var rpc = str.replace("kumar","Kaushik");
```

```
        document.getElementById("result").innerHTML
= "toUpperCase() : "+txt+"<br>replace() : "+rpc;

    }

</script>

</HEAD>

<BODY>

<p>

    Enter String :

    <input type="text" id="m">

    <br><br>

    <input type="submit" value="Apply_method"
Onclick="strmethod()">

    <br>

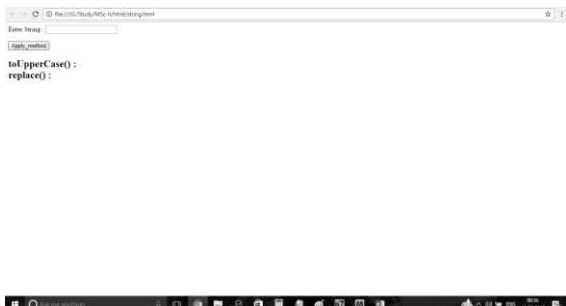
    <h2 id="result"></h2>

</p>

</BODY>

</HTML>
```

Coding Output



31. Write a javascript program to check whether the Number is even or odd.

```
<HTML>

<HEAD>

  <TITLE>Even Odd</TITLE>

  <script>

    function check()

    {

      var n = document.getElementById("m").value;

      if(Math.floor(n%2)==0)

document.getElementById("result").innerHTML =
"Number is Even!!!";

      else
document.getElementById("result").innerHTML =
"Number is Odd!!!";

    }

  </script>

</HEAD>

<BODY>
```

<p>

Enter any no.. :

<input type="text" id="m">

<input type="submit" value="Even_or_Odd"
Onclick="check()">

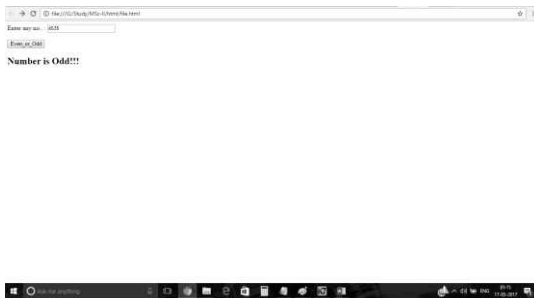
<h2 id="result"></h2>

</p>

</BODY>

</HTML>

Coding Output



The book is a complete set of HTML and JavaScript Programming. The examples are well tested and based on the syllabus of Masters Degree of Computer Science Students.

I, Dheeraj Singh, Thank Evincepub Publishing team for their support and help for publication of this book. I hope it is surely going to help students seeking to get knowledge about HTML and JavaScript Programming.

-Dheeraj Singh

