**ELEMENT POSITIONING-Absolute position**

<html>

<head>

<title> Absolute positioning </title>

<style>

.regtext {font-family: Times; font-size: 14pt; width: 600px}

.abstext {position: absolute; top: 15px; left:15px;

font-family: Times; font-size: 24pt;

font-style: italic; letter-spacing: 1em;

color: red; width: 500px}

</style>

</head>

<body>

<p class = "regtext">

Apple is the common name for any tree of the genus Malus, of

the family Rosaceae. Apple trees grow in any of the temperate

areas of the world. Some apple blossoms are white, but most

have stripes or tints of rose. Some apple blossoms are bright

red. Apples have a firm and fleshy structure that grows from

the blossom. The colors of apples range from green to very

dark red. The wood of apple trees is fine grained and hard.

It is, therefore, good for furniture construction. Apple trees

have been grown for many centuries. They are propagated by

grafting because they do not reproduce themselves.

<span class = "abstext">

Apples are good for you.

</span>

</p>

</body>

</html>

**ELEMENT POSITIONING-Nested Absolute Position**

<html>

<head>

<title> Nested absolute positioning </title>

<style>

.regtext {font-family: Times; font-size: 14pt; width: 500px; position: absolute; top: 100px; left: 100px;}

.abstext {position: absolute; top: 50px; left: 50px;

font-family: Times; font-size: 24pt;

font-style: italic; letter-spacing: 1em;

color: red; width: 400px;}

</style>

</head>

<body>

<div class = "regtext">

Apple is the common name for any tree of the genus Malus, of

the family Rosaceae. Apple trees grow in any of the temperate

areas of the world. Some apple blossoms are white, but most

have stripes or tints of rose. Some apple blossoms are bright

red. Apples have a firm and fleshy structure that grows from

the blossom. The colors of apples range from green to very

dark red. The wood of apple trees is fine grained and hard.

It is, therefore, good for furniture construction. Apple trees

have been grown for many centuries. They are propagated by

grafting because they do not reproduce themselves.

<span class = "abstext">

APPLES ARE GOOD FOR YOU

</span>

</div>

</body>

</html>

**ELEMENT POSITIONING-Relative Position**

<html>

<head>

<title> Relative positioning </title>

</head>

<body>

<p style = "font-family: Times; font-size: 24pt;">

Bhagat singh

<span style ="position: relative; top: 15px;

font-family: Times; font-size: 48pt;

font-style: italic; color: red;"> Hanged </span>by britishers on

<span style ="font-family: Times; font-size: 48pt;font-style: italic; color: red;">FEB 14th.....

</p>

</body>

</html>

**MOVING ELEMENTS**

<html>

<head>

<title> Moving elements </title>

<script>

function moveIt(img,newtop,newleft)

{

var a =document.getElementById(imgprop).style;

a.top=newtop+ "px" ;

a.left=newleft+ "px";

}

</script>

</head>

<body>

<form>

<p>

<label>

x coordinate:

<input type = "text" id ="topCoord" size= "3" />

</label>

<br />

<label>

y coordinate:

<input type = "text" id = "leftCoord" size = "3" />

</label>

<br />

<input type ="button" value = "Move it"

onclick = "moveIt('img',

document.getElementById('topCoord').value,

document.getElementById('leftCoord').value)" />

</p>

</form>

<div id = "imgprop" style = "position: absolute;

top: 115px; left: 0px;">

<img src = "img.jpg" alt = "not found" />

</div>

</body>

</html>

**DYNAMIC COLOR CHANGE-**

<html>

<head>

<title> Dynamic colors </title>

<script>

function setColor(area, newColor) {

if (area == "background")

document.body.style.backgroundColor = newColor;

else

document.body.style.color = newColor;

}

</script>

</head>

<body>

<p style = "font-family: Times; font-style: italic;

font-size: 24pt" >

This small page illustrates dynamic setting of the

foreground and background colors for a document

</p>

<form>

<p>

<label>

Background color:

<input type = "text" name = "background" size ="10"

onchange = "setColor('background',this.value)" />

</label></p>

<p>

<label>

Foreground color:

<input type = "text" name = "foreground" size = "10"

onchange = "setColor('foreground', this.value)"/>

</label>

</p>

</p>

</form>

</body>

</html>

**DYNAMIC FONT CHANGE-**

<html>

<head>

<title> Dynamic fonts </title>

<style>

.regText {font: 20pt 'Times New Roman'}

.wordText {color: blue;}

</style>

</head>

<body>

<script>

function func1()

{

document.getElementById("a").style.color = 'red';

document.getElementById("a").style.fontStyle = 'italic';

document.getElementById("a").style.fontSize = '24pt';

}

</script>

<center><h2>"Great people - Great Ideas"</h2></center>

<p class = "regText">

<span id="a" class = "wordText";

onmouseover = "func1();"

onmouseout = "this.style.color = 'blue';

this.style.fontStyle = 'normal';

this.style.fontSize = '16pt';">

Bhagat singh & Subhash Chandra Bose

</span>

Are Uncompromised Indian Freedom Fighters.

</p>

</body>

</html>

**DYNAMIC CONTENT CHANGE-**

<html>

<head>

<title> Dynamic values </title>

<script type="text/javascript" src="dynValue.js">

</script>

</head>

<body>

<form>

<p style = "font-weight: bold">

<span style = "font-style: italic">

Customer information

</span>

<br /><br />

<label>

Name:

<input type = "text" onmouseover = "messages(0)"

onmouseout = "messages(4)" />

</label>

<br />

<label>

Email:

<input type = "text" onmouseover = "messages(1)"

onmouseout = "messages(4)" />

</label>

<br /> <br />

<span style = "font-style: italic">

To create an account, provide the following:

</span>

<br /> <br />

<label>

User ID:

<input type = "text" onmouseover = "messages(2)"

onmouseout = "messages(4)" />

</label>

<br />

<label>

Password:

<input type = "password"

onmouseover = "messages(3)"

onmouseout = "messages(4)" />

</label>

<br />

<textarea id = "adviceBox" rows = "3" cols = "50"

style = "position: absolute; left: 250px;

top: 0px">

This box provides advice on filling out the form

on this page. Put the mouse cursor over any input

field to get advice.

</textarea>

<br /><br />

<input type = "submit" value = "Submit" />

<input type = "reset" value = "Reset" />

</p>

</form>

</body>

</html>

**dynValue.js**

var helpers = ["Your name must be in the form: \n \

first name, middle initial., last name",

"Your email address must have the form: \

user@domain",

"Your user ID must have at least six characters",

"Your password must have at least six \

characters and it must include one digit",

"This box provides advice on filling out\

the form on this page. Put the mouse cursor over any \

input field to get advice"]

function messages(adviceNumber) {

document.getElementById("adviceBox").value =

helpers[adviceNumber];

}

**LOCATING MOUSE CURSOR-**

<html>

<head>

<title> Where is the cursor? </title>

<script>

function findIt(evt)

{

document.getElementById("xcoor1").value=evt.clientX;

document.getElementById("ycoor1").value=evt.clientY;

document.getElementById("xcoor2").value=evt.screenX;

document.getElementById("ycoor2").value=evt.screenY;

}

</script>

</head>

<body onclick = "findIt(event)">

<form action = "">

<p>

Within the client area: <br />

x:

<input type = "text" id = "xcoor1" size = "4" />

y:

<input type = "text" id = "ycoor1" size = "4" />

<br /><br />

Relative to the origin of the screen coordinate system:

<br />

x:

<input type = "text" id = "xcoor2" size = "4" />

y:

<input type = "text" id = "ycoor2" size = "4" />

</p>

</form>

<p>

<img src = "img1.jpg" alt = "not found" />

</p>

</body>

</html>

**SLOW MOVEMENTS OF ELEMENTS-**

<html>

<head>

<title> Moving text </title>

<script>

var dom, x, y, finalx = 100, finaly = 100;

function initText() {

dom = document.getElementById('theText').style;

var x = dom.left;

var y = dom.top;

x = x.match(/\d+/);

y = y.match(/\d+/);

moveText(x, y);

}

function moveText(x, y) {

if (x != finalx)

if (x > finalx) x--;

else if (x < finalx) x++;

if (y != finaly)

if (y > finaly) y--;

else if (y < finaly) y++;

if ((x != finalx) || (y != finaly)) {

dom.left = x + "px";

dom.top = y + "px";

setTimeout("moveText("+ x +","+ y +")", 5);

}

}

</script>

</head>

<body onload = "initText()">

<p>

<span id = 'theText' style =

"position: absolute; left: 300px; top: 300px;

font: bold 20pt 'Times Roman';

color: blue;"> Fly to Sky!

</span>

</p>

</body>

</html>

**DRAGGING AND DROPPING ELEMENTS-**

<html>

<head>

<title> Drag and drop </title>

<script>

var Element;

function grabber(event) {

Element = event.currentTarget;

document.addEventListener("mousemove",mover);

document.addEventListener("mouseup",dropper);

}

function mover(event) {

Element.style.left = (event.clientX) + "px";

Element.style.top = (event.clientY) + "px";

}

function dropper(event) {

document.removeEventListener("mousemove",mover);

}

</script>

</head>

<body>

<span style = "position: absolute; top: 200px; left: 0px;

background-color: red;"

onmousedown = "grabber(event);"> C </span>

<span style = "position: absolute; top: 200px; left: 75px;

background-color: lightgrey;"

onmousedown = "grabber(event);"> C++ </span>

<span style = "position: absolute; top: 200px; left: 150px;

background-color: lightgrey;"

onmousedown = "grabber(event);"> JAVA</span>

<span style = "position: absolute; top: 200px; left: 225px;

background-color: lightgrey;"

onmousedown = "grabber(event);"> DBMS </span>

<span style = "position: absolute; top: 200px; left: 300px;

background-color: lightgrey;"

onmousedown = "grabber(event);"> HTML </span>

</body>

</html>