<!doctype html>

<html lang="eng">

<head>

<title>Kyle Osterman Lab9.html</title>

<meta charset="utf-8" />

<style>

body {background-color: #173518;}

a:link {color:Green;}

a:hover {color:Yellow;}

a:visited {color:Red;}

<style type="text/css">

.matrix { font-family:Lucida Console, Courier, Monotype; font-size:10pt; text-align:center; width:10px; padding:0px; margin:0px;}

</style>

<script type="text/javascript" language="JavaScript">

<!--

var rows=9; // must be an odd number

var speed=50; // lower is faster

var reveal=2; // between 0 and 2 only. The higher, the faster the word appears

var effectalign="center" //enter "center" to center it.

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* The Matrix Text Effect- by Richard Womersley (http://www.mf2fm.co.uk/rv)

\* This notice must stay intact for use

\* Visit http://www.dynamicdrive.com/ for full source code

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

var w3c=document.getElementById && !window.opera;;

var ie45=document.all && !window.opera;

var ma\_tab, matemp, ma\_bod, ma\_row, x, y, columns, ma\_txt, ma\_cho;

var m\_coch=new Array();

var m\_copo=new Array();

window.onload=function() {

if (!w3c && !ie45) return

var matrix=(w3c)?document.getElementById("matrix"):document.all["matrix"];

ma\_txt=(w3c)?matrix.firstChild.nodeValue:matrix.innerHTML;

ma\_txt=" "+ma\_txt+" ";

columns=ma\_txt.length;

if (w3c) {

while (matrix.childNodes.length) matrix.removeChild(matrix.childNodes[0]);

ma\_tab=document.createElement("table");

ma\_tab.setAttribute("border", 0);

ma\_tab.setAttribute("align", effectalign);

ma\_tab.style.backgroundColor="#000000";

ma\_bod=document.createElement("tbody");

for (x=0; x<rows; x++) {

ma\_row=document.createElement("tr");

for (y=0; y<columns; y++) {

matemp=document.createElement("td");

matemp.setAttribute("id", "Mx"+x+"y"+y);

matemp.className="matrix";

matemp.appendChild(document.createTextNode(String.fromCharCode(160)));

ma\_row.appendChild(matemp);

}

ma\_bod.appendChild(ma\_row);

}

ma\_tab.appendChild(ma\_bod);

matrix.appendChild(ma\_tab);

} else {

ma\_tab='<ta'+'ble align="'+effectalign+'" border="0" style="background-color:#000000">';

for (var x=0; x<rows; x++) {

ma\_tab+='<t'+'r>';

for (var y=0; y<columns; y++) {

ma\_tab+='<t'+'d class="matrix" id="Mx'+x+'y'+y+'"> </'+'td>';

}

ma\_tab+='</'+'tr>';

}

ma\_tab+='</'+'table>';

matrix.innerHTML=ma\_tab;

}

ma\_cho=ma\_txt;

for (x=0; x<columns; x++) {

ma\_cho+=String.fromCharCode(32+Math.floor(Math.random()\*94));

m\_copo[x]=0;

}

ma\_bod=setInterval("mytricks()", speed);

}

function mytricks() {

x=0;

for (y=0; y<columns; y++) {

x=x+(m\_copo[y]==100);

ma\_row=m\_copo[y]%100;

if (ma\_row && m\_copo[y]<100) {

if (ma\_row<rows+1) {

if (w3c) {

matemp=document.getElementById("Mx"+(ma\_row-1)+"y"+y);

matemp.firstChild.nodeValue=m\_coch[y];

}

else {

matemp=document.all["Mx"+(ma\_row-1)+"y"+y];

matemp.innerHTML=m\_coch[y];

}

matemp.style.color="#33ff66";

matemp.style.fontWeight="bold";

}

if (ma\_row>1 && ma\_row<rows+2) {

matemp=(w3c)?document.getElementById("Mx"+(ma\_row-2)+"y"+y):document.all["Mx"+(ma\_row-2)+"y"+y];

matemp.style.fontWeight="normal";

matemp.style.color="#00ff00";

}

if (ma\_row>2) {

matemp=(w3c)?document.getElementById("Mx"+(ma\_row-3)+"y"+y):document.all["Mx"+(ma\_row-3)+"y"+y];

matemp.style.color="#009900";

}

if (ma\_row<Math.floor(rows/2)+1) m\_copo[y]++;

else if (ma\_row==Math.floor(rows/2)+1 && m\_coch[y]==ma\_txt.charAt(y)) zoomer(y);

else if (ma\_row<rows+2) m\_copo[y]++;

else if (m\_copo[y]<100) m\_copo[y]=0;

}

else if (Math.random()>0.9 && m\_copo[y]<100) {

m\_coch[y]=ma\_cho.charAt(Math.floor(Math.random()\*ma\_cho.length));

m\_copo[y]++;

}

}

if (x==columns) clearInterval(ma\_bod);

}

function zoomer(ycol) {

var mtmp, mtem, ytmp;

if (m\_copo[ycol]==Math.floor(rows/2)+1) {

for (ytmp=0; ytmp<rows; ytmp++) {

if (w3c) {

mtmp=document.getElementById("Mx"+ytmp+"y"+ycol);

mtmp.firstChild.nodeValue=m\_coch[ycol];

}

else {

mtmp=document.all["Mx"+ytmp+"y"+ycol];

mtmp.innerHTML=m\_coch[ycol];

}

mtmp.style.color="#33ff66";

mtmp.style.fontWeight="bold";

}

if (Math.random()<reveal) {

mtmp=ma\_cho.indexOf(ma\_txt.charAt(ycol));

ma\_cho=ma\_cho.substring(0, mtmp)+ma\_cho.substring(mtmp+1, ma\_cho.length);

}

if (Math.random()<reveal-1) ma\_cho=ma\_cho.substring(0, ma\_cho.length-1);

m\_copo[ycol]+=199;

setTimeout("zoomer("+ycol+")", speed);

}

else if (m\_copo[ycol]>200) {

if (w3c) {

mtmp=document.getElementById("Mx"+(m\_copo[ycol]-201)+"y"+ycol);

mtem=document.getElementById("Mx"+(200+rows-m\_copo[ycol]--)+"y"+ycol);

}

else {

mtmp=document.all["Mx"+(m\_copo[ycol]-201)+"y"+ycol];

mtem=document.all["Mx"+(200+rows-m\_copo[ycol]--)+"y"+ycol];

}

mtmp.style.fontWeight="normal";

mtem.style.fontWeight="normal";

setTimeout("zoomer("+ycol+")", speed);

}

else if (m\_copo[ycol]==200) m\_copo[ycol]=100+Math.floor(rows/2);

if (m\_copo[ycol]>100 && m\_copo[ycol]<200) {

if (w3c) {

mtmp=document.getElementById("Mx"+(m\_copo[ycol]-101)+"y"+ycol);

mtmp.firstChild.nodeValue=String.fromCharCode(160);

mtem=document.getElementById("Mx"+(100+rows-m\_copo[ycol]--)+"y"+ycol);

mtem.firstChild.nodeValue=String.fromCharCode(160);

}

else {

mtmp=document.all["Mx"+(m\_copo[ycol]-101)+"y"+ycol];

mtmp.innerHTML=String.fromCharCode(160);

mtem=document.all["Mx"+(100+rows-m\_copo[ycol]--)+"y"+ycol];

mtem.innerHTML=String.fromCharCode(160);

}

setTimeout("zoomer("+ycol+")", speed);

}

}

// -->

</script>

</style>

</head>

<body>

<div id="matrix">This is the MATRIX!</div>

<h1 style="font-size:350%; text-align:center">

<script language="JavaScript1.2">

/\*

Neon Lights Text

By JavaScript Kit (http://javascriptkit.com)

For this script, TOS, and 100s more DHTML scripts,

Visit http://www.dynamicdrive.com

\*/

var message="Welcome to The Matrix!"

var neonbasecolor="#009900"

var neontextcolor="#33ff66"

var flashspeed=50 //in milliseconds

///No need to edit below this line/////

var n=0

if (document.all||document.getElementById){

document.write('<font color="'+neonbasecolor+'">')

for (m=0;m<message.length;m++)

document.write('<span id="neonlight'+m+'">'+message.charAt(m)+'</span>')

document.write('</font>')

}

else

document.write(message)

function crossref(number){

var crossobj=document.all? eval("document.all.neonlight"+number) : document.getElementById("neonlight"+number)

return crossobj

}

function neon(){

//Change all letters to base color

if (n==0){

for (m=0;m<message.length;m++)

//eval("document.all.neonlight"+m).style.color=neonbasecolor

crossref(m).style.color=neonbasecolor

}

//cycle through and change individual letters to neon color

crossref(n).style.color=neontextcolor

if (n<message.length-1)

n++

else{

n=0

clearInterval(flashing)

setTimeout("beginneon()",1500)

return

}

}

function beginneon(){

if (document.all||document.getElementById)

flashing=setInterval("neon()",flashspeed)

}

beginneon()

</script>

</h1>

<iframe src="https://giphy.com/embed/zhJR6HbK4fthC" width="480" height="360" frameBorder="0" class="giphy-embed" allowFullScreen></iframe><p><a href="https://giphy.com/gifs/the-matrix-zhJR6HbK4fthC">The code of the Matrix</a></p><br />

<iframe src="https://giphy.com/embed/BdghqxNFV4efm" width="480" height="343" frameBorder="0" class="giphy-embed" allowFullScreen></iframe><p><a href="https://giphy.com/gifs/movie-sci-fi-the-matrix-BdghqxNFV4efm">THE ONE!!!!</a></p><br />

<iframe src="https://giphy.com/embed/l41lRvFQYdlfvDTLG" width="480" height="270" frameBorder="0" class="giphy-embed" allowFullScreen></iframe><p><a href="https://giphy.com/gifs/sundancetv-the-matrix-thematrixtrilogy-l41lRvFQYdlfvDTLG">Bullets stop and drop!</a></p>

<iframe src="https://giphy.com/embed/OvDTq5V3EepBS" width="480" height="198" frameBorder="0" class="giphy-embed" allowFullScreen></iframe><p><a href="https://giphy.com/gifs/movie-sci-fi-the-matrix-OvDTq5V3EepBS">Red or Blue</a></p>

<a href="../index.html">index page</a><br />

</body>

</html>