<html>

Arianna Sze

Pd 5

10/6/14

<head>

<title>State Capitals</title>

</head>

<body onLoad="startup()">

<h1>State Capitals</h1>

<table cellpadding="15" style="float:left">

<tr>

<td id='title' colspan="2">

<p id='stateDisplay'>You have 5 minutes to name<br>

the capitals of all 50 states.<br />

Click the button to start.<br>The name of a state will be

<br/>displayed here.</p>

<p id=''>

</td>

</tr>

<tr>

<td colspan="2"><input type=text name='input' oninput="submit();" id='input'></td>

</tr>

<tr>

<td>

<button type=button accesskey='E' id='button'

onclick="functio()"><u>E</u>nter</button>

</td>

<td>

<button type=button accessKey='S' id='skiper' onclick="skip();"><u>S</u>kip</button>

</td>

</tr>

<tr>

<td colspan="2">

<div id='clock' style="font-size:50px;" align=center>TIMER</div>

</td>

</tr>

<tr>

<td id='skipped'>Number Skipped: 0 </td>

</tr>

<tr>

<td id='guessed'>Number Guessed: 0</td>

</tr>

</table>

<p style="float:left" id='displayBox'></p>

<div style="clear:both"></div>

<script>

function startup()

{

document.getElementById('input').disabled=true;

window.m="5";

window.s="0";

window.skipped=0;

window.guessed=0;

var second=checkTime(window.s);

var minute=window.m;

document.getElementById('clock').innerHTML=minute+":"+second;

window.stateNames=['Alabama', 'Alaska', 'Arizona',

'Arkansas', 'California', 'Colorado', 'Connecticut',

'Delaware', 'Florida', 'Georgia', 'Hawaii', 'Idaho',

'Illinois', 'Indiana', 'Iowa', 'Kansas', 'Kentucky',

'Louisiana', 'Maine', 'Maryland', 'Massachusetts',

'Michigan', 'Minnesota', 'Mississippi', 'Missouri',

'Montana', 'Nebraska', 'Nevada', 'New Hampshire',

'New Jersey', 'New Mexico', 'New York', 'North Carolina',

'North Dakota', 'Ohio', 'Oklahoma', 'Oregon',

'Pennsylvania', 'Rhode Island','South Carolina',

'South Dakota', 'Tennessee', 'Texas', 'Utah',

'Vermont', 'Virginia', 'Washington', 'West Virginia',

'Wisconsin', 'Wyoming'];

window.capitals=['Montgomery', 'Juneau', 'Phoenix',

'Little Rock', 'Sacramento', 'Denver', 'Hartford', 'Dover',

'Tallahassee', 'Atlanta', 'Honolulu', 'Boise', 'Springfield',

'Indianapolis', 'Des Moines', 'Topeka', 'Frankfort ', 'Baton Rouge ',

'Augusta', 'Annapolis', 'Boston', 'Lansing', 'St. Paul', 'Jackson',

'Jefferson City', 'Helena', 'Lincoln', 'Carson City',

'Concord', 'Trenton', 'Santa Fe', 'Albany',

'Raleigh', 'Bismark', 'Columbus', 'Oklahoma City',

'Salem', 'Harrisburg', 'Providence', 'Columbia',

'Pierre', 'Nashville', 'Austin', 'Salt Lake City',

'Montpelier', 'Richmond', 'Olympia', 'Charleston', 'Madison', 'Cheyenne', ];

window.numbers=[''];

window.state='';

window.capital='';

window.fin=[''];

}

function skip()

{

if(window.fin.length<=50)

{

window.skipped=parseInt(window.skipped)+1;

document.getElementById('skipped').innerHTML= "Number Skipped: " + window.skipped;

window.fin.push(window.state+" : "+window.capital);

updateDisplay();

statePick();

document.getElementById('input').value="";

}

else

{

alert("quiz is over")

}

}

function updateDisplay()

{

var strng=''

window.fin=window.fin.sort();

for(var x =0; x<window.fin.length; x+=1)

{

if(x%2==0)

{

strng=strng+window.fin[x]+" <br>";

}

else

{

strng=strng+window.fin[x]+"&nbsp&nbsp&nbsp

&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp

&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp

&nbsp&nbsp&nbsp";

}

}

document.getElementById('displayBox').innerHTML=strng;

}

function tick()

{

if(parseInt(window.s)==0)

{

window.m=parseInt(window.m)-1;

window.s="59";

}

else

{

window.s= parseInt(window.s)-1;

}

var second=checkTime(window.s);

var minute=window.m;

elem('clock').innerHTML=minute+":"+second;

if(parseInt(window.m)==0 && parseInt(window.s)==0)

{

alert("TIMES UP")

}

else if( parseInt(window.m)>=0){

if(parseInt(window.s)>=0)

{

window.setTimeout(function(){tick()}, 1000);

}

}

}

function checkTime(i) {

if (i<10) {i = "0" + i}; // add zero in front of numbers < 10

return i;

}

function makeString(s)

{

st= document.getElementById('displayBox').innerHTML;

if (window.numbers.length%2==0)

{

st=st+", "+s;

}

else

{

st=st+"<br >"+s;

}

}

function submit()

{

var word = document.getElementById('input').value;

if(window.capital.toUpperCase() == word.toUpperCase())

{

window.guessed=parseInt(window.guessed)+1;

document.getElementById('guessed').innerHTML="Number Guessed: "+window.guessed;

document.getElementById('input').value="";

updateDisplay(window.state+" : "+window.capital);

if(window.numbers.length==50)

{

alert("YOU WIN!")

}

else

{

statePick();

}

}

if(window.capital=='St. Paul')

{

if("ST PAUL"==word.toUpperCase() || "SAINT PAUL"==word.toUpperCase())

{

window.guessed=parseInt(window.guessed)+1;

document.getElementById('guessed').innerHTML="Number Guessed: "+window.guessed;

document.getElementById('input').value="";

window.fin.push(window.state+" : "+window.capital);

updateDisplay();

if(window.fin.length==50)

{

alert("YOU WIN!")

}

else

{

statePick();

}

}

}

}

function functio()

{

statePick();

var elem = document.getElementById('input');

elem.disabled=false;

document.getElementById('input').focus();

tick();

}

function disabl()

{

var elem = document.getElementById('input');

if(elem.disabled==true)

{

elem.disabled=false;

}

if(elem.disabled==false)

{

elem.disbled==true;

}

}

function elem(id)

{

return document.getElementById(id);

}

function statePick()

{

var numb=Math.round(Math.random()\*49);

if(window.numbers.indexOf(numb)==-1)

{

window.state=window.stateNames[numb];

window.capital=window.capitals[numb];

document.getElementById('stateDisplay').innerHTML=window.state;

window.numbers.push(numb);

}

else if(window.numbers.length<=50)

{

statePick();

}

}

</script>

</body>

</html>

