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EX-NO: 3

EX-NAME: Website for international Peace conference using html and CSS.

Date:17-2-2020

OBJECTIVE:

3A) Form using CSS and Java Script

Generate a registration form for a hospital to register new patient details. Validate the form elements. Ex: Name should be only alphabet, address only alpha-numeric character. "required" for all fields etc.

3B) Memory Game time bounded

Write a JS program to develop a memory matching game.

INDEX.HTML:

```
<!DOCTYPE html>
<html>
<head>
<title>Ex3</title>
<link rel="stylesheet" href="home_style.css">
</head>
<body>
  <button class="upper" onclick="window.location.href='clinic.html';">Clinic
  Form</button>
  <button class="lower"
  onclick="window.location.href='Memory_game.html';">Memory Game</button>
</body>
</html>
```

HOME_STYLE.CSS:

```
body{
  background-color:gold;
  text-align:centre;
}
button{
  background-color:black;
  color:aqua;
  width:35%;
  height:25%;
  margin: 0;
  position: absolute;
```

```

    font-size:30px;
    left: 50%;
    -ms-transform: translate(-50%, -50%);
    transform: translate(-50%, -50%);
}
.upper{
    top: 35%;
}
.lower{
    top: 65%;
}

```

CLINIC.HTML:

```

<!DOCTYPE html>
<html>
<head>
<title>JS Form</title>
<link rel="stylesheet" href="Formstyle.css">
<script src="Formscript.js" ></script>
</head>
<body onload="startTime()">
<div id="clk" class = "clock"></div>
<form action="#" method="post" target="_blank">
    <h1 class="centre"><em><span style="font-size:36px;">C</span>LINICAL <span
style="font-size:36px;">D</span>ETAILS</em></h1>
    <label for="fname">Name:</label><br><br>
        <input type="text" id="fname" oninvalid="alert('Name must be only
alphabets and between 1 and 32 characters');" pattern="[A-Za-z ]{1,32}"
onblur="this.checkValidity();" name="fname" required><br><br>

    <label for ="addr">Address:</label><br><br>

    <textarea id="addr" name="addr" rows="4" cols="50" onfocus="this.value ='';"
onselect="document.getElementById('adr').innerHTML = 'You have entered
address';" oninvalid="alert('address must be only alphanumeric');"
pattern="[A-Za-z 0-9]{1,}" onblur="this.checkValidity();" required> Enter your
permanent address
</textarea><br><br>
    <p id="adr"></p>
</textarea>
    <label for="age">Age(in years):</label><br><br>
    <input type="number" id="age" name="age" value="0" min="0" max="100" required
onkeypress="alert('use navigators');"><br><br>
    <label for="dob">Date of Birth:</label>
    <input type="date" id="dob" name="dob" required><br><br>
        <p>Please select your gender:</p>
        <input type="radio" id="male" name="gender" value="male" required>

```

```

<label for="male">Male</label><br>
<input type="radio" id="female" name="gender" value="female">
<label for="female">Female</label><br>
<input type="radio" id="other" name="gender" value="other">
<label for="other">Other</label><br><br>
<label for="ms">Marital Status:</label>

<select name="ms" id="ms" onchange="msd()" required>
  <option value="Bachelor">Bachelor</option>
  <option value="Married">Married</option>
  <option value="Spinster">Spinster</option>
  <option value="Widow">Widow</option>
</select>
<p id="status"></p>
  <br><br>
<label for="phone">Contact Number (mobile):</label>
<input type="tel" id="phone" name="phone" pattern="[0-9]{5}-[0-9]{5}"
oninvalid="alert('match the pattern properly');" required><br>
<p style="color:grey;">example : 12345-67890</p><br>
<label for="addc">Addiction:</label><br>

<div id="div1" ondrop="drop(event)" ondragover="allowDrop(event)">
  <ul>
    <li draggable="true" ondragstart="drag(event)" id="drag1">Drugs</li>
    <li draggable="true" ondragstart="drag(event)"
id="drag2">Alcoholism</li>
    <li draggable="true" ondragstart="drag(event)" id="drag3">Nicotine
Products</li>
  </ul>
</div>

<div id="div2" ondrop="drop(event)" ondragover="allowDrop(event)"></div>
<br><br><br><br><br><br><br><br>
<input type="submit" value="Submit" onclick="display();">
<input type="reset" value="Reset" onclick='customreset();'>
</form>
</body>
</html>

```

FORMSTYLE.CSS:

```

input, select, textarea {
width: 50%;
padding: 12px 20px;
margin-left:auto;
margin-right:auto;
display: inline-block;
border: 1px solid #ccc;
border-radius: 4px;

```

```
    box-sizing: border-box;
    background-color: #DFF9F4;
}
input[type=radio]{
    width: 5%;
}
input:hover, textarea:hover, select:hover{
    background-color: #CED4D4;
}
.centre {
    text-align: center;
}
h1{
    color: red;
    font-size: 24px;
    letter-spacing: 1.5px;
    text-shadow: 2px 2px black;
    font-family: Arial, Helvetica, sans-serif;
}
```

```
input[type=submit] {
    width: 25%;
    background-color: #4CAF50;
    color: white;
    padding: 14px 20px;
    margin-left: auto;
    margin-right: auto;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}
input[type=reset] {
    width: 25%;
    background-color: #4CAF50;
    color: white;
    padding: 14px 20px;
    margin-left: auto;
    margin-right: auto;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}
input[type=submit]:hover {
    background-color: #45a049;
}
input[type=reset]:hover {
    background-color: #45a049;
}
```

```

body{
    background-color:gold;
    padding-left:50px;
}
.clock{
    color:aqua;
    font-size:24px;
    float:right;
    padding-right:50px;
    background-color: black;
}
#div1, #div2
{
    float: left;
    width: 150px;
    height: 100px;
    margin: 10px;
    padding: 10px;
    border: 2px solid black;
    background-color: white;
}

table{
    border-width:2px;
    border-collapse:collapse;
    margin-left :auto;
    margin-right :auto;
}
thead{
    background-color:bisque;
}
    .centre {
        text-align: center;
    }
    td{
        margin-left :auto;
        margin-right: auto;
        padding-left: 15px;
        border:2px solid black;
        border-collapse:collapse;
    }

    tr:hover
    {
        background-color: white;
    }

```

FORMSCRIPT.JS:

```
function allowDrop(ev)
{
    ev.preventDefault();
}

function drag(ev)
{
    ev.dataTransfer.setData("text", ev.target.id);
}

function drop(ev)
{
    ev.preventDefault();
    var data = ev.dataTransfer.getData("text");
    ev.target.appendChild(document.getElementById(data));
}

function msd() {
    var x = document.getElementById("ms").value;
    document.getElementById("status").innerHTML = "You selected: " + x;
}

function startTime() {
    var today = new Date();
    var h = today.getHours();
    var m = today.getMinutes();
    var s = today.getSeconds();
    m = checkTime(m);
    s = checkTime(s);
    document.getElementById('clk').innerHTML =
    h + ":" + m + ":" + s;
    var t = setTimeout(startTime, 500);
}

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

function display()
{
    var name=document.getElementById("fname").value;
    var addr=document.getElementById("addr").value;
    var age=document.getElementById("age").value;
    var dob=document.getElementById("dob").value;
    var ms=document.getElementById("ms").value;
    var gender=document.querySelector('input[name="gender"]:checked').value;
    var contact=document.getElementById("phone").value;
    var addition=document.getElementById("div2").innerHTML;
```

```

document.writeln("<link rel=\"stylesheet\" href=\"Formstyle.css\">")
document.writeln( "<h1 style=\"text-align:center;\">Details</h1>" );
document.writeln( "<table border = \"1\" width = \"50%\">" );
document.writeln( "<tr><th>ID</th><th>Value</th></tr>" );
document.writeln("<tr><td>NAME</td><td>"+name+"</td></tr>");
document.writeln("<tr><td>ADDRESS</td><td>"+addr+"</td></tr>");
document.writeln("<tr><td>AGE</td><td>"+age+"</td></tr>");
document.writeln("<tr><td>D.O.B</td><td>"+dob+"</td></tr>");
document.writeln("<tr><td>MS</td><td>"+ms+"</td></tr>");
document.writeln("<tr><td>GENDER</td><td>"+gender+"</td></tr>");
document.writeln("<tr><td>CONTACT</td><td>"+contact+"</td></tr>");
document.writeln("<tr><td>ADDICTION </td><td>"+addiction+"</td></tr>");
document.writeln( "</table>" );

}
function customreset()
{

document.getElementById("div1").innerHTML+=document.getElementById("div2").innerHTML;
    document.getElementById("div2").innerHTML='';
    alert('form has been reset');
}

```

MEMORY_GAME.HTML :

```

<!DOCTYPE html>
<html>
<head>
<title>Memory Game</title>
<link rel="stylesheet" href="gamestyle.css">
</head>
<body onload="initiate(1);">
<div class="upper"><p id = "score"> 0 </div>
<div class="lower"><p id="counter"></div>

<button id="1"><img id='img1' src='cover.jpeg' alt='card 1'></button>
<button id="2"><img id='img2' src='cover.jpeg' alt='card 2'></button>
<button id="3"><img id='img3' src='cover.jpeg' alt='card 3'></button>
<button id="4"><img id='img4' src='cover.jpeg' alt='card 4'></button>
<button id="5"><img id='img5' src='cover.jpeg' alt='card 5'></button>
<br><br><br><br>
<button id="6"><img id='img6' src='cover.jpeg' alt='card 6'></button>
<button id="7"><img id='img7' src='cover.jpeg' alt='card 7'></button>
<button id="8"><img id='img8' src='cover.jpeg' alt='card 8'></button>
<button id="9"><img id='img9' src='cover.jpeg' alt='card 9'></button>
<button id="10"><img id='img10' src='cover.jpeg' alt='card 10'></button>

```

```
<script src="gamescript.js" ></script>
</body>
```

GAMESTYLE.CSS:

```
img{
    height:200px;
    width:150px;
}
body{
    background-color:gold;
    padding-left:150px;
    padding-top:100px;
}
div{
    width:100px;
    height:60px;
    background-color:black;
    position: absolute;
    right:200px;
    align-content: center;
}
.upper{
    top: 25%;
}
.lower{
    top: 60%;
}
p{
    color:aqua;
    font-size:30px;
    position:relative;
    left:40px;
    top:-15px;
}
button{
    border:none;
    background-color: gold;
    height: 210px;
    width:160px;
}
```

GAMESCRIPT.JS:

```
let list = [1, 2, 3, 4, 5, 1, 2, 3, 4, 5]

var select=[-1,-1];
var tc=0;
```



```

var counter, ttime;
var match=0;
var cover=[1,1,1,1,1,1,1,1,1,1];
var score=0;
var level;
document.getElementById("1").addEventListener("click", function(){cal(1);});
document.getElementById("2").addEventListener("click", function(){cal(2);});
document.getElementById("3").addEventListener("click", function(){cal(3);});
document.getElementById("4").addEventListener("click", function(){cal(4);});
document.getElementById("5").addEventListener("click", function(){cal(5);});
document.getElementById("6").addEventListener("click", function(){cal(6);});
document.getElementById("7").addEventListener("click", function(){cal(7);});
document.getElementById("8").addEventListener("click", function(){cal(8);});
document.getElementById("9").addEventListener("click", function(){cal(9);});
document.getElementById("10").addEventListener("click", function(){cal(10);});
function setlevel(x)
{
    list = list.sort(() => Math.random() - 0.5);
    select=[-1,-1];
    tc=0;
    if(x==1){
        ttime=60;
    }
    else if(x==2){
        ttime=45;
    }
    else if(x==3){
        ttime=30;
    }
    match=0;
    var i;
    cover=[1,1,1,1,1,1,1,1,1,1];
    level=x;
    for(i=1;i<=10;i++)
    {
        document.getElementById("img"+i).src="cover.jpeg";
        document.getElementById("img"+i).style.display="block";
    }
}
function cal(x){
    if(cover[x-1]==1){
        if(select[0]==-1)
        {
            select[0]=x;
            document.getElementById("img"+x).src= "img"+list[x-1]+".jpeg";
            cover[x-1]=0;
        }
        else if(select[1]==-1)

```

```

{
    select[1]=x;
    document.getElementById("img"+x).src= "img"+list[x-1]+".jpeg";
    cover[x-1]=0;
    setTimeout(eval,1000);

}
}
}
function eval()
{

if(document.getElementById("img"+select[0]).src==document.getElementById("img"
+select[1]).src){
    score+=20;
    document.getElementById("img"+select[0]).style.display="none";
    document.getElementById("img"+select[1]).style.display="none";
    select[0]=-1;
    select[1]=-1;
    match+=1;
}
else
{
    score-=5;
    document.getElementById("img"+select[0]).src="cover.jpeg";
    document.getElementById("img"+select[1]).src="cover.jpeg";
    cover[select[0]-1]=1;
    cover[select[1]-1]=1;
    select[0]=-1;
    select[1]=-1;
}
}
function initiate(x)
{
    alert('Welcome\nFind all possible pairs within given time\n correct match :
+20 points wrong match : -5 points\nEarly finish would give extra time points
to the score \nlevel='+x);
    setlevel(x);
    counter=setInterval(countdown,1000);
}
function countdown()
{
    tc++;
    document.getElementById("counter").innerHTML=ttime-tc;
    document.getElementById("score").innerHTML=score;

    if(ttime-tc==0)
    {

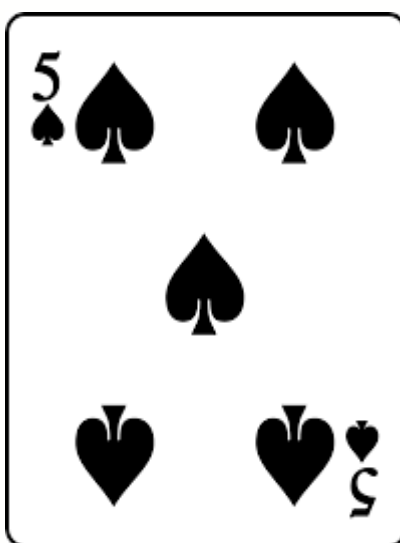
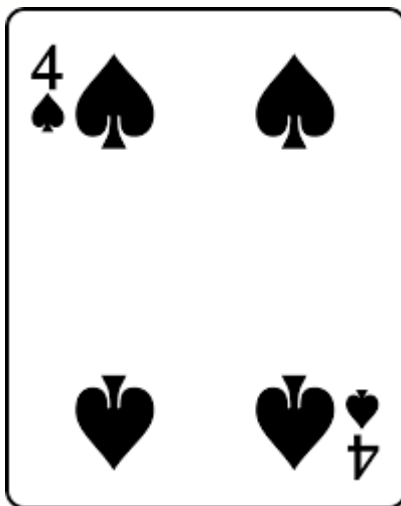
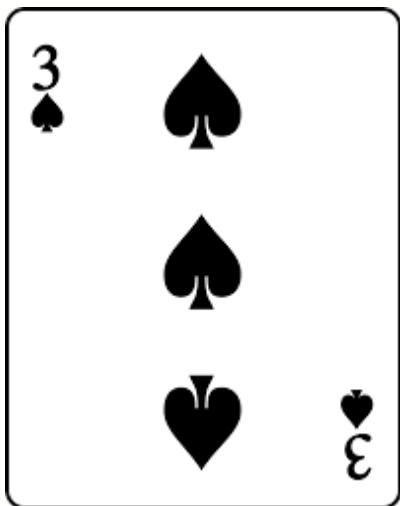
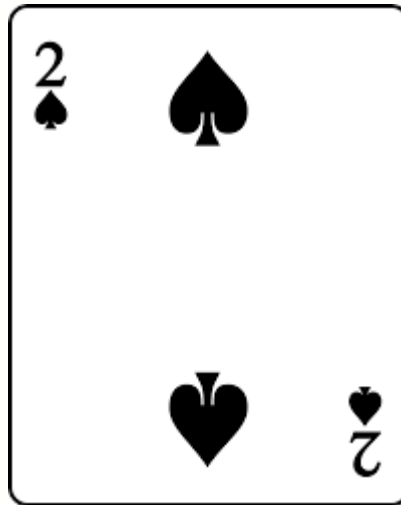
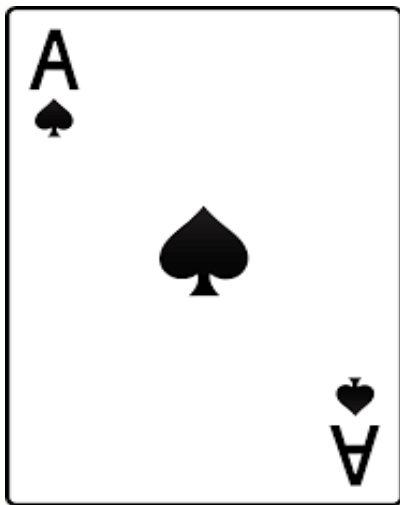
```

```
clearInterval(counter);

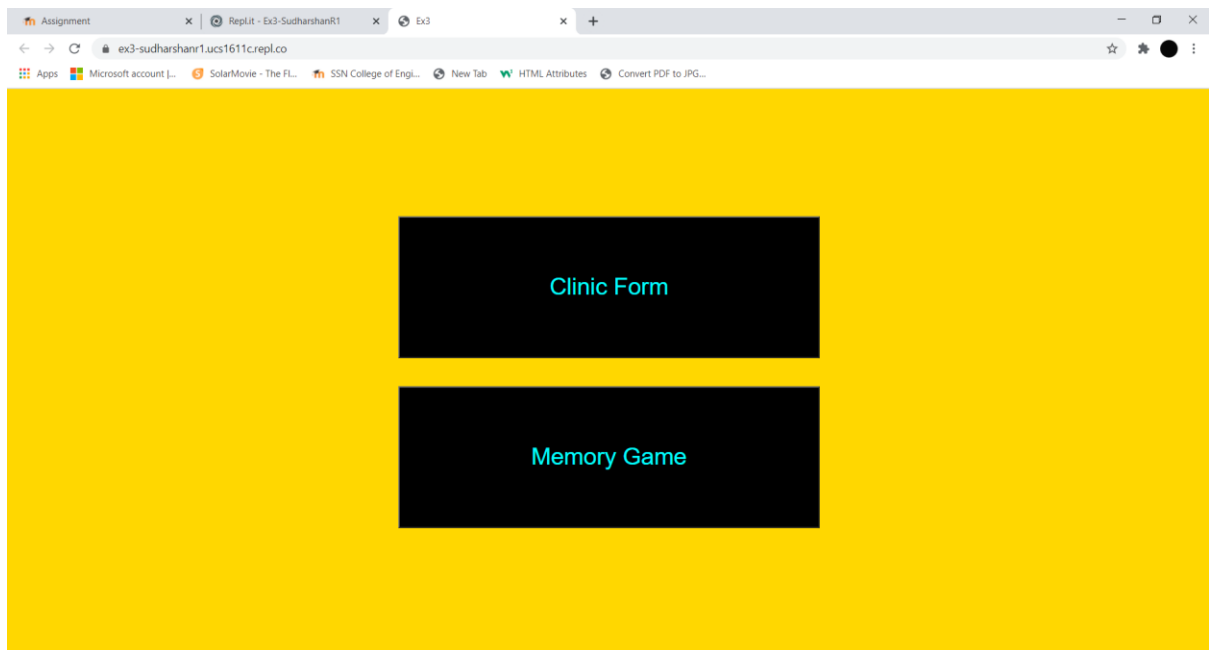
if(level==3)
alert("GameOver:\n Game Score:"+score);
else
initiate(level+1);
}
else if(match==5)
{
clearInterval(counter);
score+=ttime-tc;
var tl=ttime-tc;
document.getElementById("score").innerHTML=score;

if(level==3)
alert("GameOver:\n Game Score:"+score);
else
initiate(level+1);
}
}
```

IMAGES ADDED IN WEBSITE:



WEBSITE OUTPUT SCREENSHOTS:



A screenshot of a web browser window showing a form titled 'CLINICAL DETAILS' in red, bold, italicized text. The form is set against a yellow background. In the top right corner, there is a black box displaying the time '16:38:34'. The form contains the following fields and options:

- Name: A text input field.
- Address: A text input field with the placeholder text 'Enter your permanent address'.
- Age(in years): A text input field with the value '0'.
- Date of Birth: A date picker field showing 'dd-mm-yyyy'.
- Please select your gender: Three radio buttons labeled 'Male', 'Female', and 'Other'.
- Marital Status: A dropdown menu showing 'Bachelor'.

Assignment

Replit - Ex3-SudharshanR1

JS Form

ex3-sudharshan1.ucs1611crepl.co/clinic.html

AppsMicrosoft account [...SolarMovie - The FL...SSN College of Engl...New TabHTML AttributesConvert PDF to JPG...

Age in years:

0

Date of Birth:

dd-mm-yyyy

Please select your gender:

☐ Male

☐ Female

☐ Other

Marital Status:

Bachelor

Contact Number (mobile):

example : 12345-67890

Addiction:

• Drugs

• Alcoholism

• Nicotine Products

Submit

Reset

Assignment

Replit - Ex3-SudharshanR1

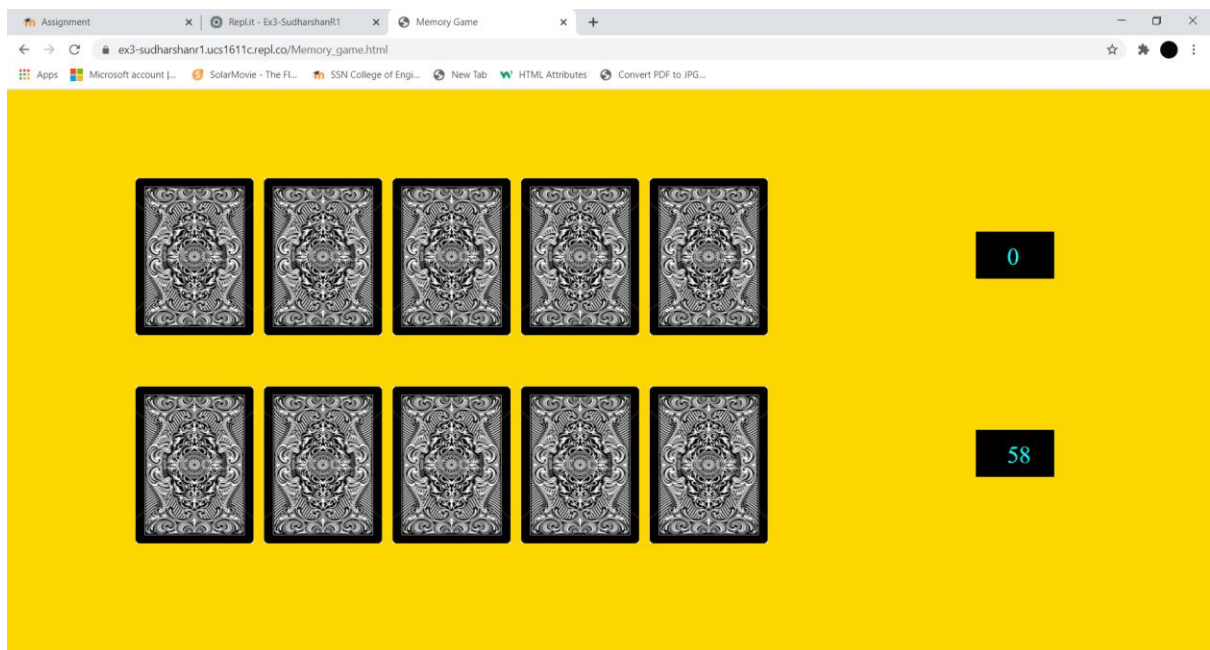
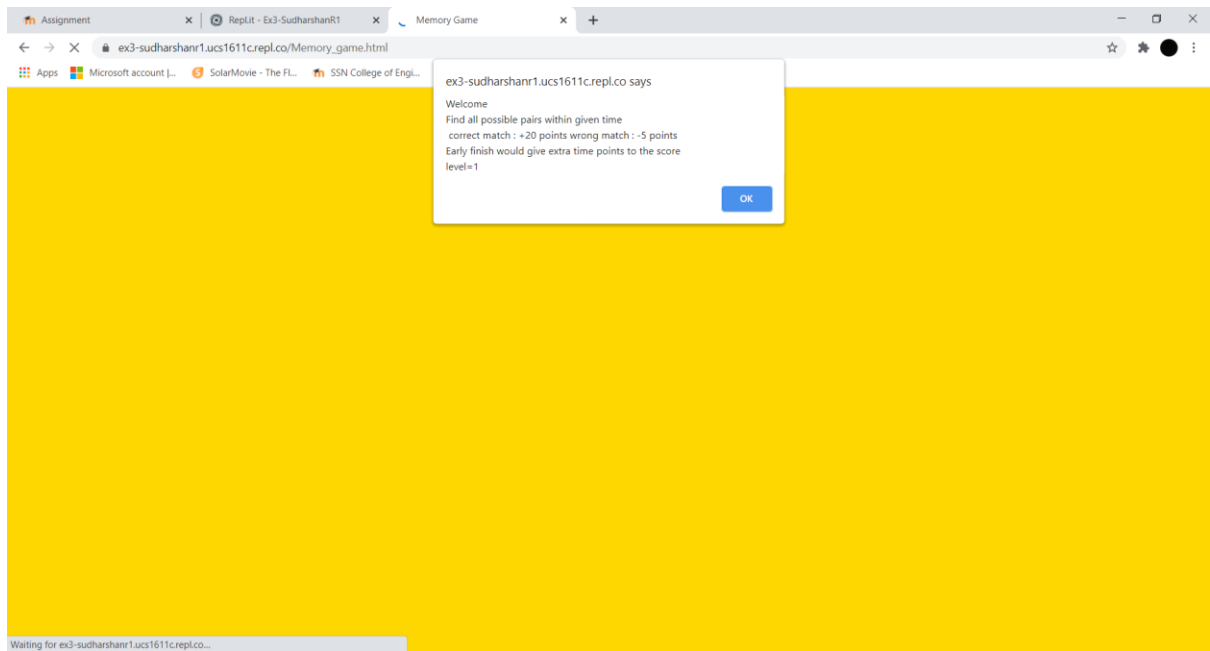
https://ex3-sudharshan1.ucs1611crepl.co/clinic.html

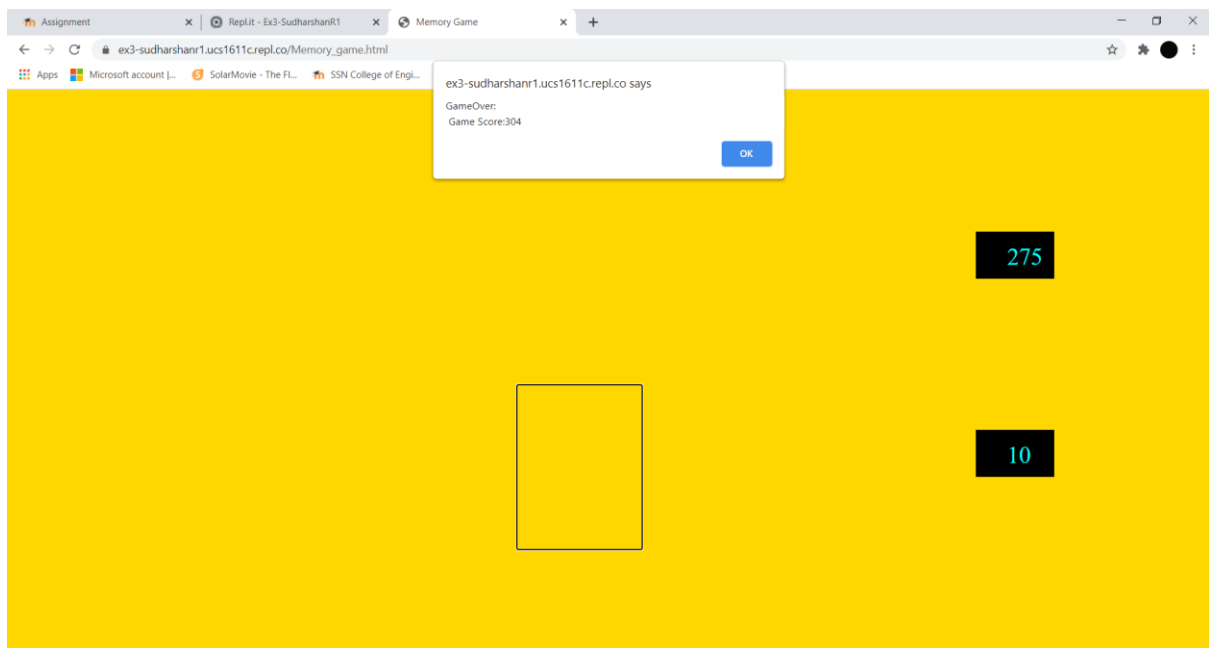
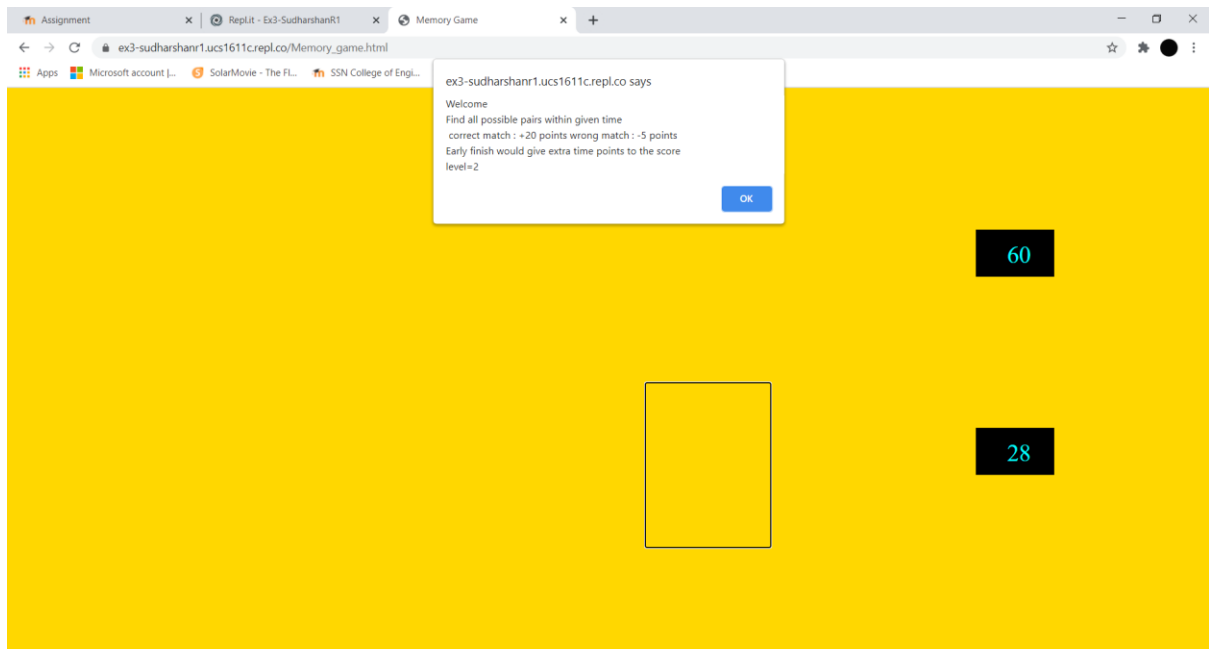
ex3-sudharshan1.ucs1611crepl.co/clinic.html

AppsMicrosoft account [...SolarMovie - The FL...SSN College of Engl...New TabHTML AttributesConvert PDF to JPG...

Details

ID	Value
NAME	Mukesh
ADDRESS	Chennai TamilNadu
AGE	20
D.O.B	1989-07-14
MS	Bachelor
GENDER	male
CONTACT	12345-67890
ADDICTION	<div><div>• Drugs</div><div>• Alcoholism</div></div>





LEARNING OUTCOME:

- I learnt about the different events and event handlers.
- Also learnt to implement event listener and how to add it to code.
- Understood the usage of different event elements.
- Understood html image hiding and changing source.
- Learnt about the absolute and relative positioning.
- Learnt on how to validate form elements and show them on a new window.