HTML Form Validation and DOM Manipulation

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Reg No: 185002018

Semester: VI

Exercise Number: 2

Date: March 2, 2021

Aim

To validate a a user created form using HTML & Regular Expression and also perform DOM Manipulation.

Procedure

- An HTML form is used to collect user input.
- The HTML (form) element is used to create an HTML form for user input.
- The **(form)** element is a container for different types of input elements, such as
 - Text Fields
 - Check Boxes
 - Radio buttons
 - Submit Buttons
- Different form elements
 - One of the most used form element is the **(input)** element.
 - The $\langle label \rangle$ element defines a label for several form elements.
 - The $\langle \mathbf{select} \rangle$ element defines a drop-down list.
 - The **\(\text{textarea}\)** element defines a multi-line input field.
 - The **(button)** element defines a clickable button.
 - The (fieldset) element is used to group related data in a form.
 - The $\langle legend \rangle$ element defines a caption for the $\langle fieldset \rangle$ element.
 - The $\langle datalist \rangle$ element specifies a list of pre-defined options for an $\langle input \rangle$ element.
 - Users will see a drop-down list of the pre-defined options as they input data.
 - The $\langle {f output} \rangle$ element represents the result of a calculation.
- Different input attributes
 - The input value attribute specifies an initial value for an input field.
 - The input pattern attribute specifies a regular expression that the input field's value is checked against, when the form is submitted.
 - The input **placeholder** attribute specifies a short hint that describes the expected value of an input field.
 - The input **required** attribute specifies that an input field must be filled out before submitting the form.

- The input **readonly** attribute specifies that an input field is read-only.
- The input **disabled** attribute specifies that an input field should be disabled.
- The input **size** attribute specifies the visible width, in characters, of an input field.
- The input **min** and **max** attributes specify the minimum and maximum values for an input field.
- The input **multiple** attribute specifies that the user is allowed to enter more than one value in an input field.
- When a web page is loaded, the browser creates a **Document Object Model** of the page. The HTML **DOM model** is constructed as a tree of Objects.
- To access an element We find the id of an element by using the **getElementById** method.
- The innerHTML property is useful for getting or replacing the content of HTML elements.

Tags

```
<input>
<label>
<select>
<textarea>
<button>
<fieldset>
<legend>
<datalist>
<output>
<option>
<optgroup>
<input type="button">
<input type="checkbox">
<input type="date">
<input type="email">
<input type="image">
<input type="number">
<input type="password">
<input type="submit">
<input type="tel">
<input type="text">
<form method="post" action="#">
        <label for = "title">Title</label><br>
                 <input type = "text" name = "title" id = "title" placeholder = "Mr"</pre>
                 \rightarrow pattern = "^[a-zA-Z\s]*$" required><br>
        <label for = "fname">First Name</label><br>
                 <input type = "text" name = "firstname" id = "fname" placeholder =</pre>
                 → "John" pattern = "^[a-zA-Z\s]*$" required><br>
        <label for = "lname">Last Name</label><br>
                 <input type = "text" name = "lastname" id = "lname" placeholder =</pre>
                 → "Doe" pattern = "^[a-zA-Z\s]*$" required><br>
        <label for="mobile">Phone Number</label><br>
                         <input type = "mobile" id = "mobile" name = "mobile"</pre>
                         → placeholder = "9876543210" pattern="[0-9]{10}"

    required><br>

        <label for = "email">Email</label><br>
                 <input type = "text" name = "email" id = "email" placeholder =</pre>
                 → "johndoe@xyz.com" pattern =
                 \rightarrow "[a-z0-9._%+-]+0[a-z0-9.-]+\.[a-z]{2,}$" required><br>
        <label for = "message">Message</label><br>
```

```
<textarea name = "message" id="message" placeholder = "Write your</pre>
                → message..." style="margin: Opx; width: 168px; height: 91px;"

    required></textarea><br>
<br>

        <input type = "submit" value = "Send Message">
</form>
<script>
        document.getElementById(if)
        document.getElementsByTagName(name)
        document.getElementsByClassName(name)
        element.innerHTML = "New Content"
        element.attribute = "New Value"
        element.style.property = "New Style"
        element.setAttribute(attribute, value)
        document.createElement(element)
        document.removeChild(element)
        document.appendChild(element)
        document.replaceChild(new, old)
        document.write(text)
</script>
```

Experiment Name: HTML Form Validation

Exercise Number: 2A

Date: March 2, 2021

Validating the form created in the previous exercise using HTML and Regular Expression.

HTML Code

```
<!DOCTYPE>
<html lang = "en">
<head>
        <meta charset="UTF-8">
        <meta name="description" content="Portfolio Web Page">
        <meta name="keywords" content="HTML5, CSS3, JavaScript">
        <meta name="author" content="M Badri Narayanan">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
          <title>My Second Web Page</title>
        <link rel="icon" type="image/x-icon" href="images/favicon.ico" />
        <link rel="stylesheet" href="style.css">
<style>
       p.static
          position: static;
          text-align: center;
          color: red;
        p.border
        {
                width: 11em;
```

```
border-style: groove;
                word-wrap: break-word;
        }
        div.transition
          width: 70px;
         height: 70px;
         background: navy;
          color: white;
          transition: width 2s, height 4s;
        }
        div.transition:hover
          width: 100px;
         height: 100px;
        }
        canvas
        {
                display : inline-block;
        }
</style>
<body>
                <header>
                        <h5>M Badri Narayanan Curriculum Vitae</h5><br>
                        <div id ="animated_div">Badri</div>
                        <audio controls>
                                  <source src="Audio.mp3" type="audio/mpeg">
                                Your browser does not support the audio element.
                        <video height = 200 video = 200 controls>
                                  <source src="Video.mp4" type="video/mp4">
                                Your browser does not support the video tag.
                        </video>
                        <br>
                        <br>
                        <button onclick = "getLocation()">Click Here To Get Your
                        \hookrightarrow Location</button>
                        <script>
                                var x = document.getElementById("location");
                                function getLocation()
                                         if (navigator.geolocation)
                                         {
                                                 navigator.geolocation.
                                                         getCurrentPosition(showPosition);
                                        }
                                        else
                                         {
                                                 x.innerHTML = "Geolocation is not

    supported by this browser.";

                                        }
                                }
                                function showPosition(position)
                                        const name="<iframe</pre>

    src='http://maps.google.com/maps?q=";
                                         const name2="&z=16&output=embed' height='450'
                                         → width='600'>";
                                         x.innerHTML= name+position.coords.latitude+','
```

```
+position.coords.longitude+name2;
               </script>
       </header>
       <h1 class = "header" style="color:navy;">M Badri Narayanan</h1>
       <img src = "Profile.png" alt = "My Profile Picture" usemap="#profile"</pre>
       → height = "200" width = "200"></img><br>
       <map name="profile">
                 <area shape = "rect" coords="0,0,100,100" alt = "My GitHub</pre>
                 → Profile" href="https://github.com/MBadriNarayanan"

    target="_blank">

                 <area shape = "rect" coords="100,100,200,200" alt = "My</pre>

→ LinkedIn Profile"

                 → href="https://www.linkedin.com/in/mbadrinarayanan"

    target="_blank">

       </map>
<h3>My Social Networking Sites</h3>
       <a href="https://github.com/MBadriNarayanan"</pre>

    target="_blank">GitHub</span></a>

               <a href="https://www.linkedin.com/in/mbadrinarayanan"</pre>

    target="_blank">LinkedIn</a>

       <iframe src="https://mbadrinarayanan.github.io/" width="400"</pre>
       → height="280" title="My existing portfolio website"></iframe>
       <h3>Summary</h3>
       I am currently pursuing my bachelors in
       → Information Technology from SSN College of Engineering, Chennai. I
       \hookrightarrow am interested in the fields of Machine Learning, Deep Learning,
       \,\hookrightarrow\, Natural Language Processing, Computer Vision and Data Science.I
       \hookrightarrow world solutions. I am also an avid sports fan and my hobbies
       _{\ensuremath{\rightarrow}} include playing cricket, listening to music, watching movies and

→ reading books.
       <a href = #EducationDetails>My Education Details</a><br>
       <a href = #ExtraCurricular>Extra Curricular</a><br>>
       <a href = #Awards>Awards</a><br>
       <a href = #Contact>Contact</a>
       <a name = "EducationDetails"></a>
       <h4>My Education Details</h4>
       College / SchoolGradeMarks
               \hookrightarrow Obtained
               SSN College of Engineering, ChennaiBTech
```

Vidya Mandir Senior Secondary School,

 \rightarrow Group94.4 %

5

Semester)

→ Information TechnologyCurrent GPA : 8.828 (V

```
Vidya Mandir Senior Secondary School,
        \rightarrow Grade8.8
<a name = "ExtraCurricular"></a>
<h4>Extra Curricular</h4>
<u1>
       Volunteering with Chennai Volunteers to teach spoken
        → English classes for Tamil medium students.
       Captained the school cricket team
       Represented the college cricket team
<a name = "Awards"></a>
<h4>Awards</h4>
<111>
       Won the 2<sup>nd</sup> best project in Computer Science in
        → 12<sup>th</sup> grade.
       Stood school 3<sup>rd</sup> in Chemistry in

    12<sup>th</sup> grade.

<a name = "Contact"></a>
<h4>Contact</h4>
<form method="post" action="#">
       <label for = "title">Title</label><br>
               <input type = "text" name = "title" id = "title"</pre>
                \rightarrow placeholder = "Mr" pattern = "^[a-zA-Z\s]*$"
                → required><br>
       <label for = "fname">First Name</label><br>
               <input type = "text" name = "firstname" id = "fname"</pre>
               → placeholder = "John" pattern = "^[a-zA-Z\s]*$"
                → required><br>
       <label for = "lname">Last Name</label><br>
               <input type = "text" name = "lastname" id = "lname"</pre>
                → placeholder = "Doe" pattern = "^[a-zA-Z\s]*$"
                → required><br>
       <label for="mobile">Phone Number</label><br>
                 <input type = "mobile" id = "mobile" name = "mobile"</pre>
                  \rightarrow placeholder = "9876543210" pattern="[0-9]{10}"
                  → required><br>
       <label for = "email">Email</label><br>
               <input type = "text" name = "email" id = "email"</pre>
                → placeholder = "johndoe@xyz.com" pattern =
                \rightarrow "[a-z0-9._%+-]+0[a-z0-9.-]+\.[a-z]{2,}$"
                → required><br>
       <label for = "message">Message</label><br>
               <textarea name = "message" id="message" placeholder =</pre>
                → "Write your message..." style="margin: Opx; width:
                → 168px; height: 91px;" required></textarea><br><br>>
       <input type = "submit" value = "Send Message">
</form>
<footer>
       <div class = "transition">M Badri Naryanan</div><br>
       <svg width="100" height="100">
                <circle cx="50" cy="50" r="40" stroke="green"</pre>

    stroke-width="4" fill="red" />
```

```
<a href="https://mbadrinarayanan.github.io/" target</pre>
                                \rightarrow ="_blank"><text x="18" y="53">Click

→ Here</text></a>

                       </svg>
                       Web Page created for Web Programming Lab

→ in the VI Semester.
                       <canvas id="Canvas" width="200" height="100" style="border:1px</pre>
                        _{\hookrightarrow}~ solid #d3d3d3;">Your browser does not support the HTML
                        <br>
                       <button onclick = "changedom()">Click Here To Perform DOM

→ Manipulation.</button>

                       DOM Manipulation.
                       <script>
                               var x = document.getElementById("dom");
                               function changedom()
                                       x.innerHTML = "Text changed by DOM

→ Manipulation.";

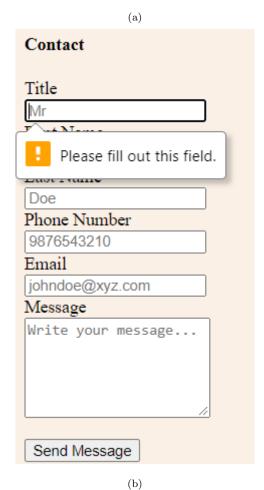
                       </script>
                       <script>
                               var c = document.getElementById("Canvas");
                               var ctx = c.getContext("2d");
                               var grd = ctx.createRadialGradient(75,50,5,90,60,100);
                               grd.addColorStop(0,"red");
                               grd.addColorStop(1,"white");
                               ctx.fillStyle = grd;
                               ctx.fillRect(10,10,150,80);
                       </script>
               </footer>
</body>
</html>
```

CSS Code

```
body
{
   background-color: linen;
}
ul
{
   background-color: lightblue;
   width: 20%;
   padding: 25px;
}
.header
{
   background-color: rgb(255, 253, 208);
   padding: 20px;
   text-align: center;
}
#animated_div{
      width:70px;
```

```
height: 47px;
        background: #92B901;
        color: white;
        position: relative;
        font-weight:bold;
        font-size:20px;
        padding:10px;
        animation:animated_div 5s 1;
        -moz-animation:animated_div 5s 1;
        -webkit-animation:animated_div 5s 1;
        -o-animation:animated_div 5s 1;
        border-radius:5px;
        -webkit-border-radius:5px;
}
@keyframes animated_div
0% {transform: rotate(0deg);left:0px;}
25% {transform: rotate(20deg);left:0px;}
50% {transform: rotate(0deg);left:500px;}
55% {transform: rotate(0deg);left:500px;}
70% {transform: rotate(0deg);left:500px;background:#1ec7e6;}
100% {transform: rotate(-360deg);left:0px;}
}
@-webkit-keyframes animated_div
0% {-webkit-transform: rotate(0deg);left:0px;}
25% {-webkit-transform: rotate(20deg);left:0px;}
50% {-webkit-transform: rotate(0deg);left:500px;}
55% {-webkit-transform: rotate(0deg);left:500px;}
70% {-webkit-transform: rotate(0deg);left:500px;background:#1ec7e6;}
100% {-webkit-transform: rotate(-360deg);left:0px;}
@-moz-keyframes animated_div
0% {-moz-transform: rotate(0deg);left:0px;}
25% {-moz-transform: rotate(20deg);left:0px;}
50% {-moz-transform: rotate(0deg);left:500px;}
55% {-moz-transform: rotate(0deg);left:500px;}
70% {-moz-transform: rotate(0deg);left:500px;background:#1ec7e6;}
100% {-moz-transform: rotate(-360deg);left:0px;}
@-o-keyframes animated_div
0% {transform: rotate(0deg);left:0px;}
25% {transform: rotate(20deg);left:0px;}
50% {transform: rotate(0deg);left:500px;}
55% {transform: rotate(0deg);left:500px;}
70% {transform: rotate(0deg);left:500px;background:#1ec7e6;}
100% {transform: rotate(-360deg);left:0px;}
}
```

Figure 1: HTML Form Validation Output Part 1



Title
Mr
First Name
John
Please fill out this field.

9876543210
Email
johndoe@xyz.com
Message
Write your message...

Send Message

Figure 2: HTML Form Validation Output Part 2

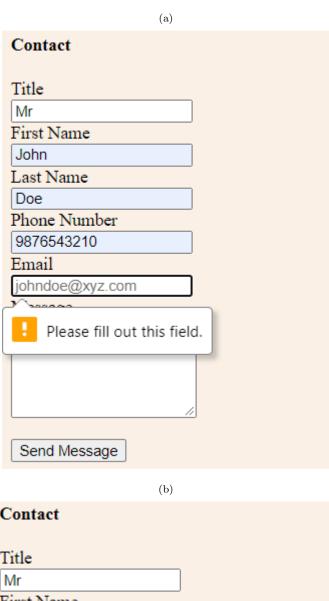
(a)

Contact
Title
Mr
First Name
John
Last Name
Doe
Pana Numban
Please fill out this field.
johndoe@xyz.com
Message
Write your message
Send Message

(b)

Title Mr First Name
First Name
First Name
John
Last Name
Doe
Phone Number
9876543210
7\1
Please fill out this field.
Mai to your massage
Write your message
Send Message

Figure 3: HTML Form Validation Output Part 3



Title
Mr
First Name
John
Last Name
Doe
Phone Number
9876543210
Email
johndoe@xyz.com
Message
Write your message...

Please fill out this field.

Experiment Name: DOM Manipulation

Exercise Number: 2B

Date: March 2, 2021

Perform DOM Manipulation on the HTML Document.

HTML Code

```
<!DOCTYPE>
<html lang = "en">
<head>
        <meta charset="UTF-8">
        <meta name="description" content="Portfolio Web Page">
        <meta name="keywords" content="HTML5, CSS3, JavaScript">
        <meta name="author" content="M Badri Narayanan">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
          <title>My Second Web Page</title>
        <link rel="icon" type="image/x-icon" href="images/favicon.ico" />
        <link rel="stylesheet" href="style.css">
<style>
       p.static
          position: static;
          text-align: center;
          color: red;
        }
        p.border
        {
                width: 11em;
                border-style: groove;
                word-wrap: break-word;
        }
        div.transition
          width: 70px;
          height: 70px;
          background: navy;
          color: white;
          transition: width 2s, height 4s;
        }
        div.transition:hover
          width: 100px;
          height: 100px;
        canvas
        {
                display : inline-block;
       }
</style>
<body>
                <header>
```

<h5>M Badri Narayanan Curriculum Vitae</h5>


```
<audio controls>
                          <source src="Audio.mp3" type="audio/mpeg">
                        Your browser does not support the audio element.
                </audio>
                <video height = 200 video = 200 controls>
                          <source src="Video.mp4" type="video/mp4">
                        Your browser does not support the video tag.
                </video>
                <br>
                <br>
                <button onclick = "getLocation()">Click Here To Get Your
                <script>
                        var x = document.getElementById("location");
                       function getLocation()
                                if (navigator.geolocation)
                                        navigator.geolocation.
                                                getCurrentPosition(showPosition);
                                }
                                else
                                {
                                        x.innerHTML = "Geolocation is not

→ supported by this browser.";

                                }
                        }
                        function showPosition(position)
                                const name="<iframe</pre>

    src='http://maps.google.com/maps?q=";
                                const name2="&z=16&output=embed' height='450'
                                → width='600'>";
                                x.innerHTML= name+position.coords.latitude+','
                                                        +position.coords.longitude+name2;
                </script>
       </header>
       <h1 class = "header" style="color:navy;">M Badri Narayanan</h1>
       <img src = "Profile.png" alt = "My Profile Picture" usemap="#profile"</pre>
        \rightarrow height = "200" width = "200"></img><br>
       <map name="profile">
                 <area shape = "rect" coords="0,0,100,100" alt = "My GitHub</pre>
                  → Profile" href="https://github.com/MBadriNarayanan"

    target="_blank">

                 <area shape = "rect" coords="100,100,200,200" alt = "My</pre>
                  → LinkedIn Profile"
                  → href="https://www.linkedin.com/in/mbadrinarayanan"

    target="_blank">

       </map>
<h3>My Social Networking Sites</h3>
       <a href="https://github.com/MBadriNarayanan"</pre>

    target="_blank">GitHub</span></a>
```

<div id ="animated_div">Badri</div>

```
<a href="https://www.linkedin.com/in/mbadrinarayanan"</li>

    target="_blank">LinkedIn</a>

<iframe src="https://mbadrinarayanan.github.io/" width="400"</pre>
→ height="280" title="My existing portfolio website"></iframe>
<h3>Summary</h3>
I am currently pursuing my bachelors in
\hookrightarrow Information Technology from SSN College of Engineering, Chennai. I
\hookrightarrow am interested in the fields of Machine Learning , Deep Learning,
→ Natural Language Processing, Computer Vision and Data Science.I
\rightarrow include playing cricket, listening to music, watching movies and

→ reading books.
<a href = #EducationDetails>My Education Details</a><br>
<a href = #ExtraCurricular>Extra Curricular</a><br>
<a href = #Awards>Awards</a><br>
<a href = #Contact>Contact</a>
<a name = "EducationDetails"></a>
<h4>My Education Details</h4>
College / SchoolGradeMarks
      \hookrightarrow Obtained
      SSN College of Engineering, ChennaiBTech
      → Information TechnologyCurrent GPA : 8.828 (V

    Semester)

      Vidya Mandir Senior Secondary School,
      \hookrightarrow Group94.4 %
      Vidya Mandir Senior Secondary School,
      \hookrightarrow Chennai10<sup>th</sup>
      \hookrightarrow Grade8.8
<a name = "ExtraCurricular"></a>
<h4>Extra Curricular</h4>
<u1>
      Volunteering with Chennai Volunteers to teach spoken
      → English classes for Tamil medium students.
      Captained the school cricket team
      Represented the college cricket team
<a name = "Awards"></a>
<h4>Awards</h4>
<l
      Won the 2<sup>nd</sup> best project in Computer Science in

    12<sup>th</sup> grade.

      Stood school 3<sup>rd</sup> in Chemistry in
      → 12<sup>th</sup> grade.
<a name = "Contact"></a>
<h4>Contact</h4>
<form method="post" action="#">
```

```
<label for = "title">Title</label><br>
                <input type = "text" name = "title" id = "title"</pre>
                → placeholder = "Mr" pattern = "^[a-zA-Z\s]*$"

    required><br>

        <label for = "fname">First Name</label><br>
                <input type = "text" name = "firstname" id = "fname"</pre>
                \rightarrow placeholder = "John" pattern = "^[a-zA-Z\s]*$"
                → required><br>>
        <label for = "lname">Last Name</label><br>
                <input type = "text" name = "lastname" id = "lname"</pre>
                \hookrightarrow placeholder = "Doe" pattern = "^[a-zA-Z\s]*$"

    required><br>

        <label for="mobile">Phone Number</label><br>
                  <input type = "mobile" id = "mobile" name = "mobile"</pre>
                  → placeholder = "9876543210" pattern="[0-9]{10}"

    required><br>

        <label for = "email">Email</label><br>
                <input type = "text" name = "email" id = "email"</pre>
                 → placeholder = "johndoe@xyz.com" pattern =
                \rightarrow "[a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,}$"

    required><br>

        <label for = "message">Message</label><br>
                <textarea name = "message" id="message" placeholder =</pre>
                → "Write your message..." style="margin: Opx; width:
                → 168px; height: 91px; "required></textarea><br><br>
        <input type = "submit" value = "Send Message">
</form>
<footer>
        <div class = "transition">M Badri Naryanan</div><br>
        <svg width="100" height="100">
                 <circle cx="50" cy="50" r="40" stroke="green"</pre>

    stroke-width="4" fill="red" />

                 <a href="https://mbadrinarayanan.github.io/" target</pre>
                 \rightarrow ="_blank"><text x="18" y="53">Click
                 \rightarrow Here</text></a>
        </svg>
        Web Page created for Web Programming Lab

    in the VI Semester.

        <canvas id="Canvas" width="200" height="100" style="border:1px</pre>
        \rightarrow solid #d3d3d3;">Your browser does not support the HTML
        <br>
        <button onclick = "changedom()">Click Here To Perform DOM

→ Manipulation.
        DOM Manipulation.
        <script>
                var x = document.getElementById("dom");
                function changedom()
                        x.innerHTML = "Text changed by DOM
                        → Manipulation.";
                }
        </script>
        <script>
                var c = document.getElementById("Canvas");
                var ctx = c.getContext("2d");
                var grd = ctx.createRadialGradient(75,50,5,90,60,100);
                grd.addColorStop(0,"red");
```

CSS Code

```
body
{
  background-color: linen;
ul
{
  background-color: lightblue;
  width: 20%;
  padding: 25px;
}
.header
  background-color: rgb(255, 253, 208);
  padding: 20px;
  text-align: center;
}
#animated_div{
        width:70px;
        height: 47px;
        background: #92B901;
        color: white;
        position: relative;
        font-weight:bold;
        font-size:20px;
        padding:10px;
        animation:animated_div 5s 1;
        -moz-animation:animated_div 5s 1;
        -webkit-animation:animated_div 5s 1;
        -o-animation:animated_div 5s 1;
        border-radius:5px;
        -webkit-border-radius:5px;
}
@keyframes animated_div
0% {transform: rotate(0deg);left:0px;}
25% {transform: rotate(20deg);left:0px;}
50% {transform: rotate(0deg);left:500px;}
55% {transform: rotate(0deg);left:500px;}
70% {transform: rotate(0deg);left:500px;background:#1ec7e6;}
100% {transform: rotate(-360deg);left:0px;}
@-webkit-keyframes animated_div
0% {-webkit-transform: rotate(0deg);left:0px;}
```

```
25% {-webkit-transform: rotate(20deg);left:0px;}
50% {-webkit-transform: rotate(0deg);left:500px;}
55% {-webkit-transform: rotate(0deg);left:500px;}
70% {-webkit-transform: rotate(0deg);left:500px;background:#1ec7e6;}
100% {-webkit-transform: rotate(-360deg);left:0px;}
@-moz-keyframes animated_div
0% {-moz-transform: rotate(0deg);left:0px;}
25% {-moz-transform: rotate(20deg);left:0px;}
50% {-moz-transform: rotate(0deg);left:500px;}
55% {-moz-transform: rotate(0deg);left:500px;}
70% {-moz-transform: rotate(0deg);left:500px;background:#1ec7e6;}
100% {-moz-transform: rotate(-360deg);left:0px;}
Q-o-keyframes animated_div
0% {transform: rotate(0deg);left:0px;}
25% {transform: rotate(20deg);left:0px;}
50% {transform: rotate(0deg);left:500px;}
55% {transform: rotate(0deg);left:500px;}
70% {transform: rotate(0deg);left:500px;background:#1ec7e6;}
100% {transform: rotate(-360deg);left:0px;}
}
```

Output

Figure 4: DOM Manipulation Output

(a)

Click Here To Perform DOM Manipulation.

DOM Manipulation.

(b)

Click Here To Perform DOM Manipulation.

Text changed by DOM Manipulation.

Result

A form has been created and has been validated using HTML & Regular Expression.DOM Manipulation has also been performed successfully.