**PRACTICAL - 8**

**AIM:** Do the following:

1. JavaScript: Form Validation – Validate form registeryourself.html using functions and events.2. Write the code for the following functionality using JavaScript: a) To get details from visitors browser. b) To display a scrolling message at the browser footer. c) To create a button. On click on the button a new window should open up.

**validate.html**

|  |  |
| --- | --- |
|  | <!DOCTYPE html> |
|  | <html lang="en"> |
|  | <head> |
|  | <meta charset="UTF-8"> |
|  | <meta name="viewport" content="width=device-width, initial-scale=1.0"> |
|  | <link rel="stylesheet" type="text/css" href="[main.css](file:///F:\WT%20lab\main.css)"> |
|  | <title>Registration</title> |
|  | <script> |
|  | function validate() { |
|  | var name = document.getElementById("name").value; |
|  | var email = document.getElementById("email").value; |
|  | var password = document.getElementById("pass").value; |
|  | var dob = document.getElementById("dob").value; |
|  | if(name == "" || email == "" || password == "" || dob == "") { |
|  | alert('Please fill all the details'); |
|  | return false; |
|  | } |
|  | if(!(password.length >= 6 && password.length <= 12)) { |
|  | alert('Password length must be in between length 6 and 12'); |
|  | return false; |
|  | } |
|  | return true; |
|  |  |
|  | } |
|  | </script> |
|  | </head> |
|  | <body> |
|  | <h1>Student Registration</h1> |
|  | <form action="index.php" method="post" onsubmit = "return validate()"> |
|  | <fieldset> |
|  | <legend>Sign UP Form</legend> |
|  | Name : <input type="text" name="name" placeholder="Enter your name" id="name"> <br><br> |
|  | Email : <input type="email" name="email" placeholder="Enter your email" id="email"> <br><br> |
|  | Password : <input type="password" name="password" id="pass"> <br><br> |
|  | DOB : <input type="date" name="dob" id="dob"> <br><br> |
|  | Select your gender : <br><br> |
|  | <input type="radio" name="gender" value="Male" checked> Male <br><br> |
|  | <input type="radio" name="gender" value="Female"> Female <br><br> |
|  | Select your branch : <br><br> |
|  | <select name="branch"> |
|  | <option value="IT">IT</option> |
|  | <option value="CP">CP</option> |
|  | <option value="EC">EC</option> |
|  | </select> <br><br> |
|  | Upload your profile picture : <input type="file" name="profile"> <br><br> |
|  | <input type="submit" name="submit" value="Submit"> |
|  | </fieldset> |
|  | </form> |
|  | </body> |
|  | </html> |
|  |  |

**details.html**

<!DOCTYPE html>

<html>

<body>

<h2>The Navigator Object</h2>

<p id="demo"></p>

<button onclick="myFunction()">Click me</button>

<script>

document.getElementById("demo").innerHTML = "navigator.appName is " + navigator.appName;

document.getElementById("demo").innerHTML += "<br>navigator.appCodeName is " + navigator.appCodeName;

document.getElementById("demo").innerHTML += "<br>navigator.product is " + navigator.product;

document.getElementById("demo").innerHTML += "<br>navigator.platform is " + navigator.platform;

document.getElementById("demo").innerHTML += "<br>navigator.cookieEnabled is " + navigator.cookieEnabled;

function myFunction() {

window.open();

}

</script>

</body>

</html>

**scroll.html**

<html>

<head><title>Scrolling Message Example</title>

<script>

var msg = "This is an example of a scrolling message. Isn't it exciting?";

msg = "... ..." + msg;

var pos = 0;

function ScrollMessage() {

document.getElementById("scrollMsgContainer").innerHTML = msg.substring(pos, msg.length) + msg.substring(0, pos);

pos++;

if (pos > msg.length) pos = 0;

window.setTimeout(ScrollMessage, 200);

}

</script>

</head>

<body>

<h1>Scrolling Message Example</h1>

Look at the status line at the bottom of this page. (Don't

watch it too long, as it may be hypnotic.)

<div id="scrollMsgContainer" style="position: fixed; bottom: 0; width: 100%; background-color: #DDDDDD">&nbsp;</div>

</body>

<script>

ScrollMessage();

</script>

</html>

**OUTPUT**





