

Practical - 8

Q8) Do the following:

1. JavaScript: Form Validation – Validate form registryourself.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">
<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:

Student Registration

Sign UP Form

Name :

Email :

Password :

DOB :

Select your gender :
☒ Male
☐ Female

Select your branch :

Upload your profile picture : No file chosen

The Navigator Object

navigator.appName is Netscape
navigator.appCodeName is Mozilla
navigator.product is Gecko
navigator.platform is Win32
navigator.cookieEnabled is true