Web Design Lab
Experiment No. 4 (b)

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Roll No.: **43**   Grade:

Division: **A**   Sign:

Class: **TE-COMPS**

Aim 4 (b):

Login form and client side validation using JavaScript for "Online ordering system for college canteen".

Program:

exp4.html

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Experiment 4</title>
</head>
<frameset rows="28%,*" noresize frameborder=0>
<frameset cols="100%" noresize frameborder=0>
<frame src="Pillai.html">
</frameset>
<frame name="full" src="login.html">
</frameset>
</html>
```

Pillai.html

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>MES's Pillai</title>
<style>
body {
background-image: url(img0.jpg);
background-attachment: fixed;
background-repeat: no-repeat;
background-size: cover;
}
```

```
h1,h2 {
text-shadow: 2px 2px #EE82EE;
}
</style>
</head>
<body>
<h1 style="color:#800000;text-align:center;"><img src="mes.png" alt="MES" height=46
width=50/><img src="pillai.png" alt="Pillai" height=46 width=80/></a> Mahatma Education
Society's Pillai Group of Institutions</h1>
<h2 style="color:#D2691E;text-align:center;"><img src="epic.png" alt="Epic Cafe"height=46
width=50/> Epic Cafe</h2>
</body>
</html>
```

login.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Login Exp 4</title>
<style>
body {
background-image: url(img4.jpg);
background-attachment: fixed;
background-repeat: no-repeat;
background-size: cover;
color: #8B4513;
}

#form {
border: 1px solid black;
margin: auto;
text-align: center;
font-family: Arial, Helvetica, sans-serif;
background-color: white;
box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);
transition: 0.3s;
padding: 10px 5px 10px 5px;
width: 20%;
}

input {
width: 90%;
}
```

```css
a {
text-decoration: none;
}
a:hover {
text-decoration: underline;
}

#login {
background-image: linear-gradient(blue, cyan);
border: none;
color: white;
padding: 10px 15px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
cursor: pointer;
width: 100%;
}

#login:hover {
background-image: linear-gradient(plum,LightCyan);
color: black;
}

div {
margin-bottom: 10px;
}

.error {
  color: red;
  margin-left: 5px;
}

label.error {
  display: inline;
}

</style>
</head>
<body>
<div id="form">
<h2>Canteen Login</h2>
<form id="frm1" method="post" action="done.html">
```

```
<div>
<input type="text" id="username" name="username" placeholder="Username">
</div>
<div>
<input type="password" id="password" name="password" placeholder="Password">
</div>
<div>
<a href="forgotpass.html" target="full">Forgot Username/Password?</a>
</div>
<div>
<input type="submit" id="login" value="Login"/>
</div>
</form>
</div>
<script src="jquery-3.5.1.js"></script>
<script src="jquery-3.5.1.min.js"></script>
<script>
$(document).ready(function() {
$('#username').focus();
$('#frm1').submit(function() {
var username = $('#username').val();
var password = $('#password').val();
$(".error").remove();
if (username.length < 1) {
$('#username').after('<span class="error">Enter Username</span>');
$('#username').focus();
return false;
}
if (password.length < 1) {
$('#password').after('<span class="error">Enter Password</span>');
$('#password').focus();
return false;
}
else if (password.length >= 1 && password.length < 8  ) {
$('#password').after('<span class="error">Enter valid Password</span>');
$('#password').val("");
$('#password').focus();
return false;
}
else {
return true;
}
});
});
</script>
```

```
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Forgot Username/Password</title>
<style>
body {
background-image: url(img4.jpg);
background-attachment: fixed;
background-repeat: no-repeat;
background-size: cover;
color: #8B4513;
}

#form {
border: 1px solid black;
margin: auto;
text-align: center;
font-family: Arial, Helvetica, sans-serif;
background-color: white;
box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);
transition: 0.3s;
padding: 10px 5px 10px 5px;
width: 20%;
}

input {
width: 90%;
}

#next {
background-image: linear-gradient(blue, cyan);
border: none;
color: white;
padding: 10px 15px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
cursor: pointer;
```

```css
    width: 100%;
}

#next:hover {
background-image: linear-gradient(plum,LightCyan);
color: black;
}

a {
text-decoration: none;
}
a:hover {
text-decoration: underline;
}

div {
margin-bottom: 10px;
}

.error {
  color: red;
  margin-left: 5px;
}

label.error {
  display: inline;
}

</style>
</head>
<body>
<div id="form">
<h2>Reset Password</h2>
<form id="frm2" action="resetpass.html" method="POST">
<div>
<input type="text" id="email" name="email" placeholder="Email">
</div>
<div>
<a href="login.html">Cancel</a>
</div>
<div>
<input type="submit" id="next" value="Next"/>
</div>
</form>
</div>
```

```
<script src="jquery-3.5.1.js"></script>
<script src="jquery-3.5.1.min.js"></script>
<script>
$(document).ready(function() {
$('#email').focus();
$('#frm2').submit(function() {
var email = $('#email').val();
$(".error").remove();
if (email.length < 1) {
$('#email').after('<span class="error">Enter Email</span>');
$('#email').focus();
return false;
}
else {
var regEx = /^[a-z0-9]+@mes.ac.in$/;
var validEmail = regEx.test(email);
if (!validEmail) {
$('#email').after('<span class="error">Enter mes id only</span>');
$('#email').val("");
$('#email').focus();
return false;
}
}
});

});
</script>
</body>
</html>
```

resetpass.html
```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Forgot Username/Password</title>
<style>
body {
background-image: url(img4.jpg);
background-attachment: fixed;
background-repeat: no-repeat;
background-size: cover;
color: #8B4513;
}
```

```css
#form {
border: 1px solid black;
margin: auto;
text-align: center;
font-family: Arial, Helvetica, sans-serif;
background-color: white;
box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);
transition: 0.3s;
padding: 10px 5px 10px 5px;
width: 20%;
}

p {
color: #F08080;
font-weight: 400
}

input {
width: 90%;
}

#resetpass {
background-image: linear-gradient(blue, cyan);
border: none;
color: white;
padding: 10px 15px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
cursor: pointer;
width: 100%;
}

#resetpass:hover {
background-image: linear-gradient(plum,LightCyan);
color: black;
}

a {
text-decoration: none;
}
a:hover {
text-decoration: underline;
```

```
        }

        div {
        margin-bottom: 10px;
        }

        .error {
          color: red;
          margin-left: 5px;
        }

        label.error {
          display: inline;
        }

        </style>
        </head>
        <body>
        <div id="form">
        <h2>Reset Password</h2>
        <form id="frm3" action="#">
        <p> Username has been sent to the registered email id.</p>
        <div>
        <input type="Password" id="newpassword" name="newpassword" placeholder="New
        Password"/>
        </div>
        <div>
        <input type="Password" id="renewpassword" name="renewpassword" placeholder="Re-enter
        New Password"/>
        </div>
        <div>
        <a href="login.html">Cancel</a>
        </div>
        <div>
        <input type="submit" id="resetpass" value="Reset Password"/>
        </div>
        </form>
        </div>
        <script src="jquery-3.5.1.js"></script>
        <script src="jquery-3.5.1.min.js"></script>
        <script>
        $(document).ready(function() {
        $('#newpassword').focus();
        $('#frm3').submit(function() {
        var newpassword = $('#newpassword').val();
```

```
var renewpassword = $('#renewpassword').val();
$(".error").remove();
if (newpassword.length < 8 ) {
$('#newpassword').after('<span class="error">Enter new password of minimum 8
characters</span>');
$('#newpassword').val("");
$('#renewpassword').val("");
$('#newpassword').focus();
return false;
}
else {
var regEx = /^(?=^.{5,}$)((?=.*\d)(?=.*\W+))(?![.\n])(?=.*[A-Z])(?=.*[a-z]).*$/;
var validPass = regEx.test(newpassword);
if (!validPass) {
$('#newpassword').after('<span class="error">Must contain uppercase,lowercase,Number,Special
Characters</span>');
$('#newpassword').val("");
$('#renewpassword').val("");
$('#newpassword').focus();
return false;
}
}
if (renewpassword.length < 1) {
$('#renewpassword').after('<span class="error">Re-Enter Password</span>');
$('#renewpassword').focus();
return false;
}
if ((renewpassword.length >=1 && renewpassword.length < 8) || (renewpassword !==
newpassword)) {
$('#renewpassword').after('<span class="error">Password does not match</span>');
$('#renewpassword').val("");
$('#renewpassword').focus();
return false;
}
});
});
</script>
</body>
</html>
```

Output:

Canteen Login

Username

Password

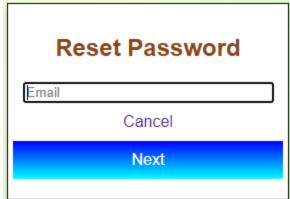Forgot Username/Password?

Login

Canteen Login

Username

Enter Username

Password

Forgot Username/Password?

Login

Canteen Login

canteenadmin

Password

Enter Password

Forgot Username/Password?

Login
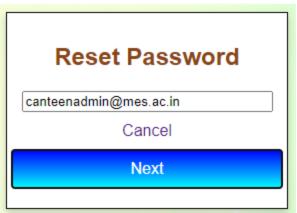

Canteen Login

canteenadmin

•••

Forgot Username/Password?

Login

Canteen Login

canteenadmin

Password

Enter valid Password

Forgot Username/Password?

Login

Canteen Login

canteenadmin

••••••••••

Forgot Username/Password?

Login

Reset Password

Email

Cancel

Next

Reset Password

Email

Enter Email

Cancel

Next

Reset Password

abc@gmail.com

Cancel

Next

Reset Password

Email

Enter mes id only

Cancel

Next

Reset Password

canteenadmin@mes.ac.in

Cancel

Next

Reset Password

Username has been sent to the registered email id.

New Password

Re-enter New Password

Cancel

Reset Password

Reset Password

Username has been sent to the registered email id.

New Password

Enter new password of minimum 8 characters

Re-enter New Password

Cancel

Reset Password

Reset Password

Username has been sent to the registered email id.

New Password

Must contain uppercase,lowercase,Number,Special Characters

Re-enter New Password

Cancel

Reset Password

Reset Password

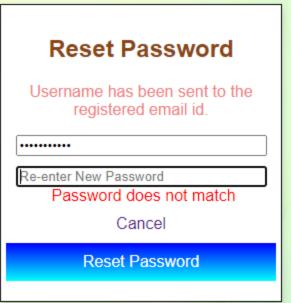Username has been sent to the registered email id.

••••••••••

Re-enter New Password

Re-Enter Password

Cancel

Reset Password

Conclusion:
Thus, we have successfully done the validation of login form for "Online ordering system for college canteen" using JavaScript.