



3. Design Form using JavaScript /HTML /jQuery with client-side validations on the given problem

Name of Student	Aditya Gurav	Roll No.	9753
Sign here to indicate that you have read all relevant material provided /available on Moodle while performing and writing this experiment		Sign:	

Late Submission Details (if any)

Reason(s) of late submission	Date of practical performance	Date of practical submission

References used

1	Name and author of reference book(s) with page nos.	
2	Name and roll nos. of the peers whose help you have taken (if any)	

Rubrics for assessment of Experiment:

Indicator	Poor	Average	Good
Timeliness Maintains Experiment deadline (3)	Experiment not done (0)	One or More than One week late (1-2)	Maintains deadline (3)
Completeness and neatness Complete all parts of Experiment (3)	N/A	< 80% complete (1-2)	100% complete (3)
Originality Extent of plagiarism (2)	Copied it from someone else (0)	At least try to implement but could not succeed (1)	Implemented (2)
Knowledge In depth knowledge of the Experiment (2)	Unable to answer any questions (0)	Unable to answer few questions (1)	Able to answer all questions (2)

Assessment Marks:

Timeliness	
Completeness and neatness	
Originality	
Knowledge	
Total	

Signature of Teacher with date

1. Course, Subject & Experiment Details

Course & Branch	T.E. (ECS)	Estimated Time	02 Hours Per Week
Current Semester	Semester V	Subject Name	WT
Chapter No. & Unit	3 (Complete)	Chapter Title	HTML, CSS, Bootstrap
Experiment Type	Software Performance	Subject Code	ECC 502

2. Aim & Objective of Experiment

1. Design a web form using Javascript / JQuery for given problem statement. (CO3)

3. Expected Outcome of Experiment

1. To understand applications of Javascript / JQuery to build a web form
2. To understand applications of Javascript / JQuery to animate the web page

4. Code of the experiment

A. HTML / Javascript / JQuery code of the form (with client side validation)

```
<html>
<head>
  <title>Admin Login</title>
  <link href="https://fonts.googleapis.com/css?family=Roboto:300,400,500,700" rel="stylesheet">
  <style>
    html, body {
      display: flex;
      justify-content: center;

      font-size: 15px;
    }
    form {
      border: 5px solid #f1f1f1;
    }
    input[type=text], input[type=password] {
      width: 100%;
      padding: 16px 8px;
      margin: 8px 0;
      border: 1px solid #ccc;
      box-sizing: border-box;
    }
    button {
      background-color: #007BFF;
      color: white;
      padding: 14px 0;
      margin: 10px 0;
      border: none;
      width: 100%;
    }
    h1 {
      text-align: center;
      font-size: 18px;
    }
    button:hover {
```

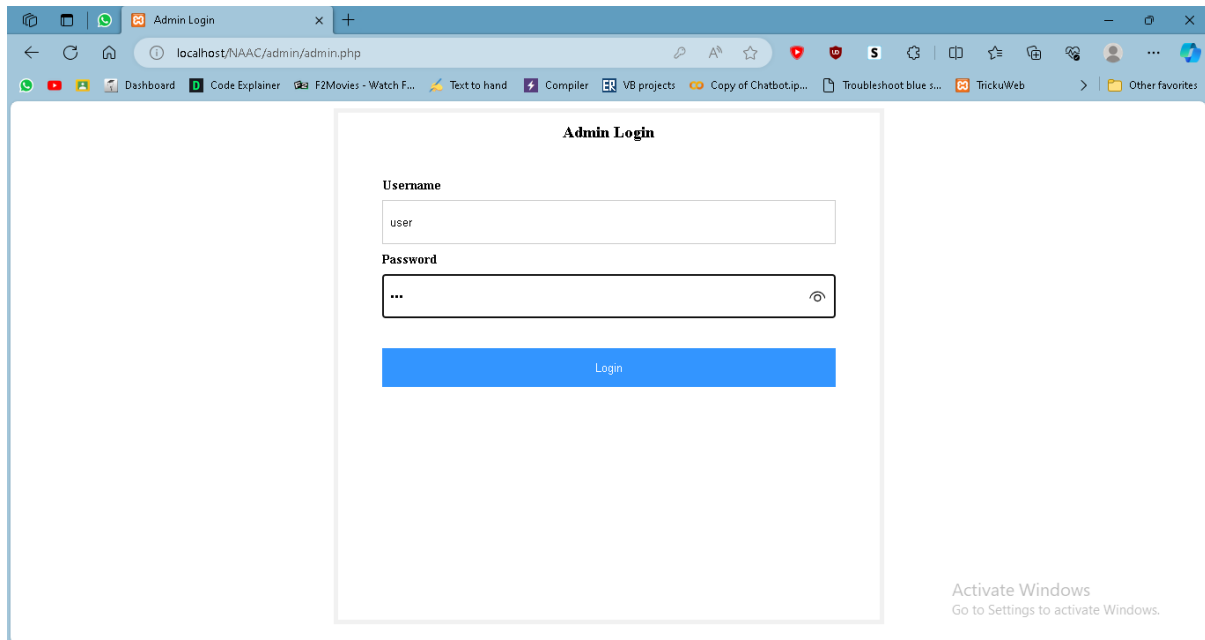
```
opacity: 0.8;
}
.formcontainer {
text-align: left;
margin: 24px 50px 12px;
}
.container {
padding: 16px 0;
text-align:left;
}
span.psw {
float: right;
padding-top: 0;
padding-right: 15px;
}
/* Change styles for span on extra small screens */
@media screen and (max-width: 300px) {
span.psw {
display: block;
float: none;
}
}
</style>
<script>
function fun(){
var name=document.getElementById('uname').value;
var pw=document.getElementById('psw').value;
if (name==="user"&&pw==="123"){
// alert("hi");
window.open('adminhome.html');
}
else{alert("wrong");}
}
</script>
</head>
<body>
<form method="post" enctype="multipart/form-data" onsubmit="fun()">
<h1>Admin Login</h1>
<div class="formcontainer">
<div class="container">
<label for="uname"><strong>Username</strong></label>
<input type="text" placeholder="Enter Username" id="uname" required>
<label for="psw"><strong>Password</strong></label>
<input type="password" placeholder="Enter Password" id="psw" required>
</div>
<button type="submit">Login</button>
</div>
</form>
</body>
</html>
```

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B. Explain the features that you have implemented in the form with the help of appropriate screenshots

Ans.

- **Form Inputs:**
The form contains two input fields:
Username: `<input type="text">`
Password: `<input type="password">`
- **JavaScript Function:**
There's a JavaScript function `fun()` defined within a `<script>` block. This function is called when the form is submitted.
It retrieves the values entered in the username and password fields, checks if they match "user" and "123," and, if they do, opens the "adminhome.html" page. If not, it displays an "alert" with "wrong."
- **Event Handling:**
The form's `onsubmit` attribute is set to call the `fun()` JavaScript function when the form is submitted. This function handles the form submission and authentication logic.



5. Conclusions & Inferences

Succesfully designed a web form using Javascript / JQuery for given problem statement.

6. Post Lab exercise

Hide the contents of the main page of your website that you have created in experiment 2 initially. When the page is loaded, fade in the contents slowly

Write the code of post lab question:

`<!DOCTYPE html>`

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```
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {
  font-family: "Lato", sans-serif;
}

.sidenav {
  height: 100%;
  width: 0;
  position: fixed;
  z-index: 1;
  top: 0;
  left: 0;
  background-color: #111;
  overflow-x: hidden;
  transition: 0.5s;
  padding-top: 60px;
}

.sidenav a {
  padding: 8px 8px 8px 32px;
  text-decoration: none;
  font-size: 25px;
  color: #818181;
  display: block;
  transition: 0.3s;
}

.sidenav a:hover {
  color: #f1f1f1;
}

.sidenav .closebtn {
  position: absolute;
  top: 0;
  right: 25px;
  font-size: 36px;
  margin-left: 50px;
}
article {
  float: right;
  padding: 20px;
  width: 80%;
  height: 230px;
  opacity: 0;
  background-image: url(header.png);
  background-position-x: 200px;
  background-position-y: 80px;
```

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```
background-repeat: no-repeat;
background-size:70% ;
animation: fadeIn 2s ease-in-out forwards;
}

article1 {
float: right;
padding: 20px;
width: 50%;
height: 230px;
opacity: 0;
background-image: url(frcrce.jpg);
background-repeat: no-repeat;
background-size:60% ;
animation: fadeIn 2s ease-in-out forwards;
}
@keyframes fadeIn {
0% {
opacity: 0;
}
100% {
opacity: 1;
}
}

@media screen and (max-height: 450px) {
.sidenav {padding-top: 15px;}
.sidenav a {font-size: 18px;}
}
</style>
</head>
<body>

<div id="mySidenav" class="sidenav">
  <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a>
  <a href="1.1.php">Data Entry</a>
  <a href="#">Add Activities</a>
  <a href="#">Log Out</a>
</div>
<span style="font-size:20px;cursor:pointer" onclick="openNav()">&#9776; Admin Panel</span>

<script>
function openNav() {
  document.getElementById("mySidenav").style.width = "250px";
}

function closeNav() {
  document.getElementById("mySidenav").style.width = "0";
}
</script>
```

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```
<article>
  <h1 align="center">Fr CRCE NAAC Portal</h1>
</article>
<article1>

</article1>

</body>
</html>
```
