

IT LAB ASSIGNMENT REPORT : 2

NAME: Kshitij Dhande

ROLL NO: 16CS8076

QUESTION 2:

Write an HTML program to create your own website registration page(login and password) using the following HTML features: (password should have a length of 8 having one upper case, one lower case letter one numeric character and two special characters)

- i) Hyperlink**
- ii) Form**
- iii) Table**
- iv) Ordered List**
- v) Text Box**
- vi) Text Area Box**
- vii) Check Box**
- viii) Password Field (above restriction of password)**
- ix) Submit + Reset button**
- x) Radio button**

CODE:

```
<!doctypehtml>
<html>
<head>
<title>My Registration Form </title>
</head>
<body>
<a href="https://www.google.com" target= "_blank " > Link to google </a>
<form>

<h2> Boxes_name </h2>
<table border="1">
<tr>
<td> 1 box </td>
<td> 2 box </td>
<td> 3 box </td>
</tr>
<tr>
<td> 4 box </td>
<td> 5 box </td>
<td> 6 box </td>
</tr>
</table>
<br>
<br> Username: <input type ="name" label="name" placeholder=" username"
required> </input>
<br> Password : <input type ="Password" label="Password" placeholder="
```

```
Password" name="psw" pattern="^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$"
```

```
title="Must contain at least one number and one uppercase and lowercase  
letter,one special character and at least 8 or more characters" required >  
</input>  
<br>
```

```
<script>  
var myInput = document.getElementById("psw");  
var letter = document.getElementById("letter");  
var capital = document.getElementById("capital");  
var number = document.getElementById("number");  
var length = document.getElementById("length");  
// When the user clicks on the password field, show the message box  
myInput.onfocus = function() {  
document.getElementById("message").style.display = "block";  
}  
// When the user clicks outside of the password field, hide the message box  
myInput.onblur = function() {  
document.getElementById("message").style.display = "none";  
}  
// When the user starts to type something inside the password field  
myInput.onkeyup = function() {  
// Validate lowercase letters  
var lowerCaseLetters = /[a-z]/g;  
if(myInput.value.match(lowerCaseLetters)) {  
letter.classList.remove("invalid");  
letter.classList.add("valid");  
} else {  
  
letter.classList.remove("valid");  
letter.classList.add("invalid");  
}  
// Validate capital letters  
var upperCaseLetters = /[A-Z]/g;  
if(myInput.value.match(upperCaseLetters)) {  
capital.classList.remove("invalid");  
capital.classList.add("valid");  
} else {  
capital.classList.remove("valid");  
capital.classList.add("invalid");  
}  
// Validate numbers  
var numbers = /[0-9]/g;  
if(myInput.value.match(numbers)) {  
number.classList.remove("invalid");  
number.classList.add("valid");  
} else {  
number.classList.remove("valid");  
number.classList.add("invalid");  
}  
  
// Validate length  
if(myInput.value.length >= 8) {  
length.classList.remove("invalid");  
length.classList.add("valid");  
} else {  
length.classList.remove("valid");
```

```

length.classList.add("invalid");
}
}
</script>
<br><br>
<button type =" submit" name="submit" > Submit </button>
</form>
<h2> Ordered List </h2>
<ol>
<li>Item1 </li>
<li>Item2</li>
<li>Item3</li>
</ol>
<h2> Text Area Box </h2>
<textarea id="w3mission" rows="4" cols="50">
Write anything.

</textarea>
<h2> Text Box </h2>
<input type="text" placeholder="text box"></input>
<h2> Radio Button </h2>
<h3>Select your Gender</h3>
<input type="radio" id="male" name="gender" value="male">
<label for="male">Male</label><br>
<input type="radio" id="female" name="gender" value="female">
<label for="female">Female</label><br>
<input type="radio" id="other" name="gender" value="other">
<label for="other">Other</label>
<h2> Check Box </h2>
<input type="checkbox" id="t&c" name="t&c" value="t&c">
<label for="t&c"> I agree for all the terms & conditions</label><br><br>
<form>
.
<button type =" submit" name="submit" > Submit</button>
<button type ="reset" name="reset" > Reset</button>
</form>
</body>
</html>

```

OUTPUT:

[Link to google](#)

Boxes_name

| | | |
|-------|-------|-------|
| 1 box | 2 box | 3 box |
| 4 box | 5 box | 6 box |

Username:

Password :

Ordered List

1. Item1
2. Item2
3. Item3

Text Area Box

Text Box

Radio Button

Select your Gender

- ☐ Male
- ☐ Female
- ☐ Other

Check Box

☐ I agree for all the terms & conditions

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