

Name: Aditya Nalini

Registration Number: 19BCE0980

Lab Activity 4

Q.

Design the following fields in HTML and CSS(use Box model) document using proper JAVA Script regular expression. (Do not use HTML Pattern attribute)

Design the regular expression with the following conditions and test it. If not satisfied throw alert and prompt user to correct it.

Make all the fields to be required using HTML5.

username : minimum 8 chars

Password : Strong (16chars length, min 1 small character, min 1 capital char, min 1 digit)

Confirm password should match the normal password

Email : min one @ symbol

Login: admin

Password: [16 dots] Strong

Confirm Password: [Red box]

Gender: male

Email: [Red box]

Register

Passwords are not the same

Mail is wrong

Code:

```
<> form-js.html 2 X
IWPLab > Activity 4 > <> form-js.html > html > body > div#outer-box > form > fieldset > br
1  <!DOCTYPE html>
2
3  <html>
4
5  <head>
6    <title>Registration Form</title>
7  </head>
8
9  <script>
10   function verifyPassword() {
11
12     var passw = /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{16,}$/;
13
14
15     var pw = document.getElementById("password").value;
16     if(pw == "") {
17       document.getElementById("message").innerHTML = "**Fill the password please!";
18       return false;
19     }
20
21     if(inputtxt.value.match(passw)) {
22       document.getElementById("message").innerHTML = "**Strong password!";
23       return true;
24     }
25
26     } else {
27       document.getElementById("message").innerHTML = "**Weak password!";
28       return false;
29     }
30   }
31 </script>
32
```

```
33 <style>
34   #outer-box
35   {
36     padding: 20px;
37     margin: auto;
38     width: 30%;
39     margin-top: 100pt;
40     color: white;
41     background-color: grey;
42     border: 0;
43   }
44
45   .right-div {
46     position: relative;
47     right: 80px;
48     float: right;
49     text-align: left;
50     width: 40%;
51     height: 20px;
52   }
53 </style>
54
```

```

55 <body style="background-color: black;">
56   <div id="outer-box">
57     <form onsubmit="return verifyPassword()">
58       <fieldset>
59         <label for="name">Login</label>
60         <input type="text" name="name" class="right-div"><br><br>
61
62         <label for="password">Password</label>
63         <input type="password" id="password" class="right-div" value=""><br><br>
64
65         <label for="confirm_password">Confirm Password</label>
66         <input type="password" name="confirm_password" class="right-div"><br><br>
67
68         <label for="gender">Gender</label>
69         <select name="gender" class="right-div">
70           <option value="male">Male</option>
71           <option value="female">Female</option>
72         </select><br><br>
73
74         <label for="email">Email</label>
75         <input type="email" name="email" class="right-div"><br><br>
76
77         <input type="submit" value="Register" class="buttonClick">
78         <span id="message" style="color: white;"> </span> <br><br>
79
80       </fieldset>
81     </form>
82   </div>
83 </body>
84 </html>

```

<!DOCTYPE html>

<html>

<head>

<title>Registration Form</title>

</head>

<script>

function verifyPassword() {

```
var passw = /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{16,}$/;
```

```
var pw = document.getElementById("password").value;
```

```
if(pw == "") {
```

```
    document.getElementById("message").innerHTML = "***Fill the password please!";
```

```
    return false;
```

```
}
```

```
if(inputtxt.value.match(passw)) {
```

```
    document.getElementById("message").innerHTML = "***Strong password!";
```

```
    return true;
```

```
}
```

```
} else {
```

```
    document.getElementById("message").innerHTML = "***Weak password!";
```

```
    return false;
```

```
}
```

```
}
```

```
</script>
```

```
<style>
```

```
#outer-box
```

```
{  
  
padding: 20px;  
  
margin: auto;  
  
width: 30%;  
  
margin-top: 100pt;  
  
color: white;  
  
background-color: grey;  
  
border: 0;  
  
}
```

```
.right-div {  
  
position:relative;  
  
right: 80px;  
  
float: right;  
  
text-align: left;  
  
width: 40%;  
  
height: 20px;  
  
}
```

```
</style>
```

```
<body style="background-color:black;">
```

```
<div id="outer-box">
```

```
<form onsubmit ="return verifyPassword()"">
```

```
<fieldset>
```

<label for="name">Login</label>

<input type="text" name="name" class="right-div">

<label for="password">Password</label>

<input type="password" id="password" class="right-div" value="">

<label for="confirm_password">Confirm Password</label>

<input type="password" name="confirm_password" class="right-div">

<label for="gender">Gender</label>

<select name="gender" class="right-div">

<option value="male">Male</option>

<option value="female">Female</option>

</select>

<label for="email">Email</label>

<input type="email" name="email" class="right-div">

<input type="submit" value="Register" class="buttonClick">

</fieldset>

</form>

<div>

</body>

</html>

Output:

The image shows a registration form with a dark gray background and a black border. The form contains the following elements:

- Login**: A text input field.
- Password**: A text input field.
- Confirm Password**: A text input field.
- Gender**: A dropdown menu with "Male" selected and a downward arrow.
- Email**: A text input field.
- Register**: A button.