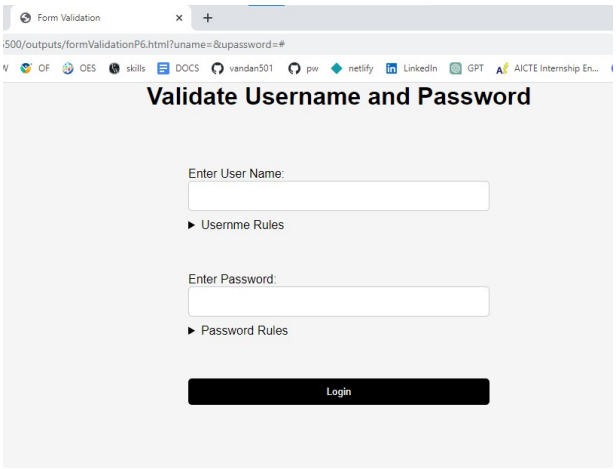
6. **Write down java script code to validate user name and password. (Password length must in between 6 to 12 characters. User name should not start with _, @, or any number, both are not blank)**

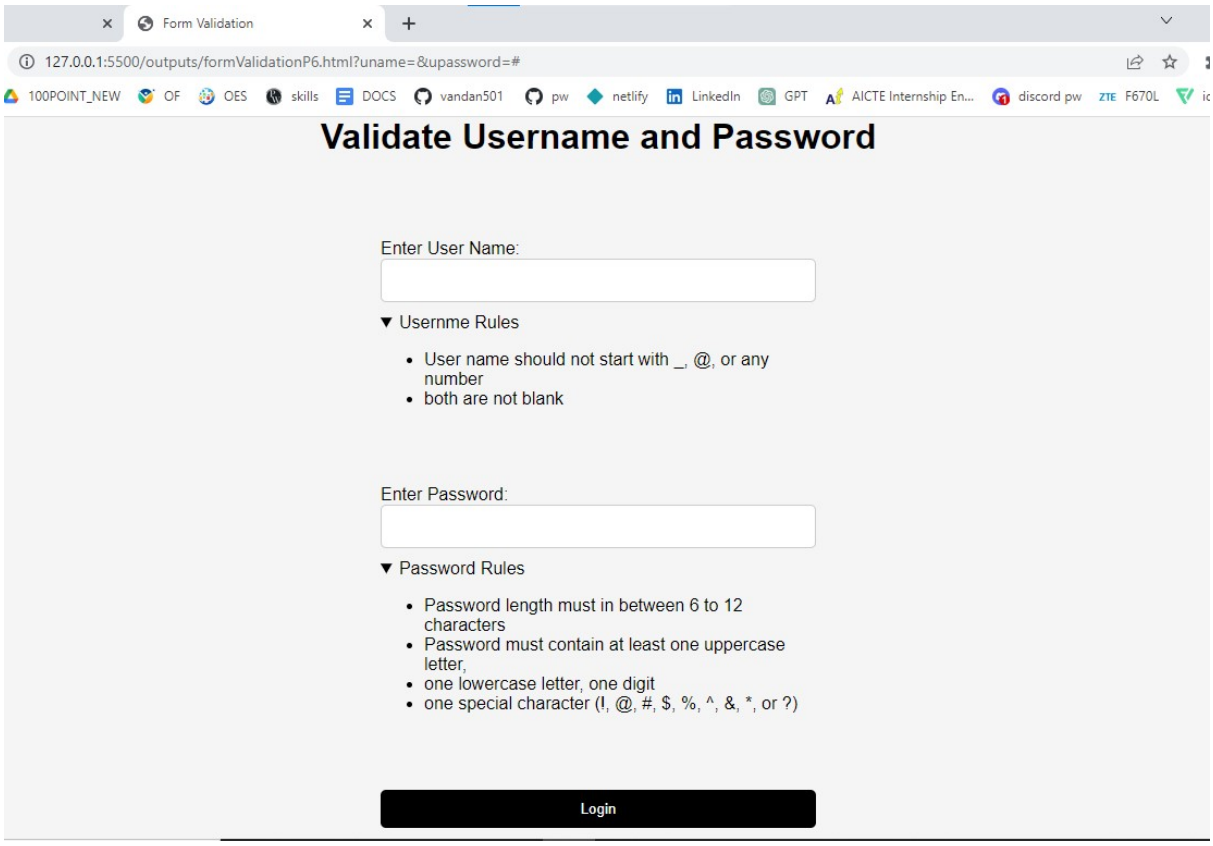
```
<html>

<head>
  <title>Form Validation</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      background-color: whitesmoke;
    }

    h1 {
      text-align: center;
    }

    form {
      max-width: 400px;
      margin: 0 auto;
    }

    label {
      display: block;
      margin-bottom: 5px;
    }

    input[type="text"],
    input[type="text"] {
      width: 100%;
      padding: 10px;
      font-size: 16px;
      border-radius: 5px;
      border: 1px solid #ccc;
      box-sizing: border-box;
      margin-bottom: 10px;
    }

    input[type="submit"] {
      background-color: #4CAF50;
      color: white;
      padding: 10px 20px;
      width: 400px;
```

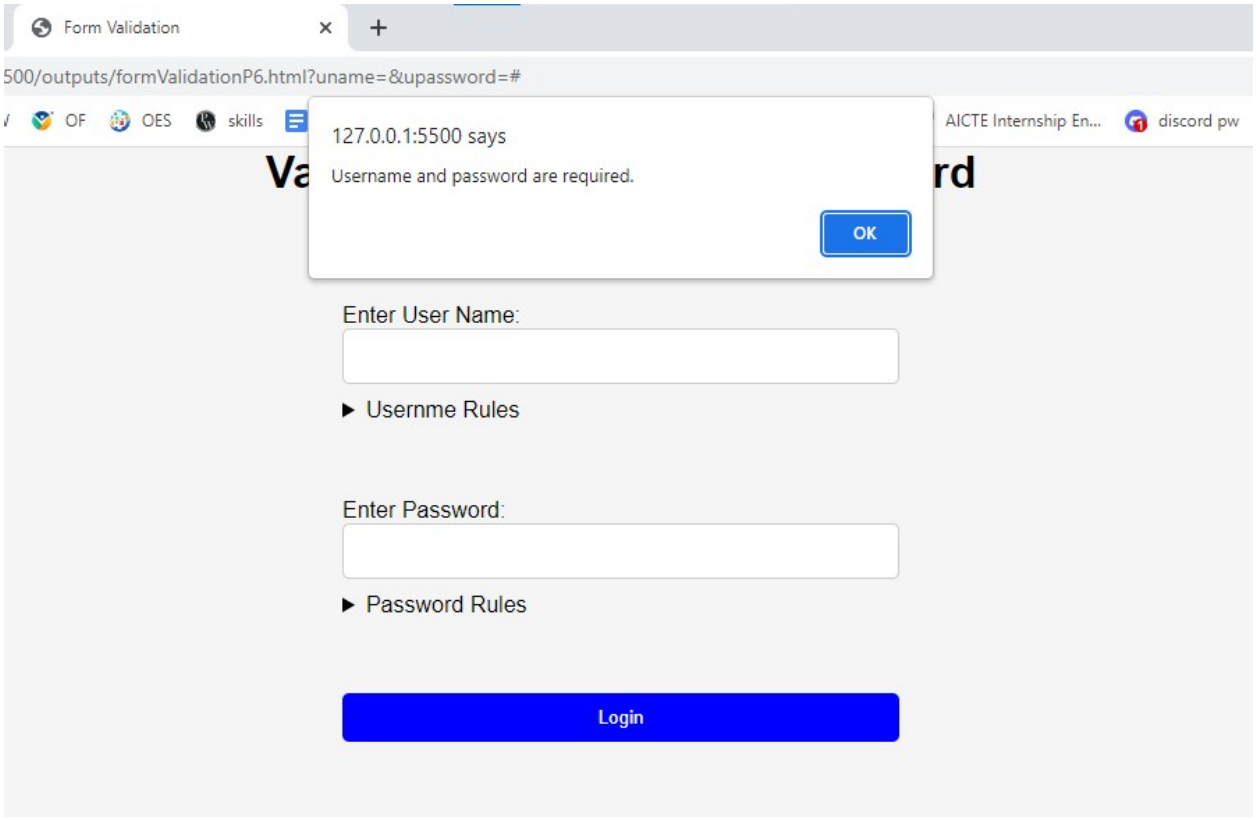
```
            border: none;
            background-color: black;
            color: white;
            border-radius: 5px;
            cursor: pointer;
        }

        input[type="submit"]:hover {
            background-color: blue;
            color: white;
        }


    </style>
</head>

<body onload="document.form1.uname.focus()">
    <h1>Validate Username and Password</h1>
    <br><br><br>
    <form name="form1" action="#">
        Enter User Name:<input type="text" name="uname" id="uname">

        <details>
            <summary>Usernme Rules</summary>
            <ul>
                <li>User name should not start with _, @, or any number</li>
                <li>both are not blank</li>
            </ul>
        </details>
        <br><br><br>
        Enter Password:<input type="text" name="upassword" id="upassword"> <br>


        <details id="msgforpwd">
            <summary>Password Rules</summary>
            <ul>
                <li>Password length must in
                    between 6 to 12 characters</li>
                <li>Password must contain at least one uppercase letter,</li>
                <li> one lowercase letter, one digit</li>
                <li>one special character (!, @, #, $, %, ^, &, *, or ?)</li>
            </ul>

        </details>
```

```
        <br><br><br>
        <input type="submit" value="Login" onClick="checkUnamePassword()">
    </form>
    <script>
        function checkUnamePassword() {
            let uname = document.getElementById("uname").value;
            let upassword = document.getElementById("upassword").value;

            let msgforpwd = document.getElementById("msgforpwd");

            let validUname = /^[^_@0-9][a-zA-Z0-9]{0,11}$/;
            let validPassword = /^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-
z\d@$!%*?&]{8,}$/;

            if (!uname || !upassword) {
                alert('Username and password are required.');
                return;
            }
            if (validUname.test(uname) && validPassword.test(upassword)) {
                alert("Correct username and password!");
            } else {

                alert("Wrong username or password!");

            }
        }
    </script>
</body>

</html>
```

Output:







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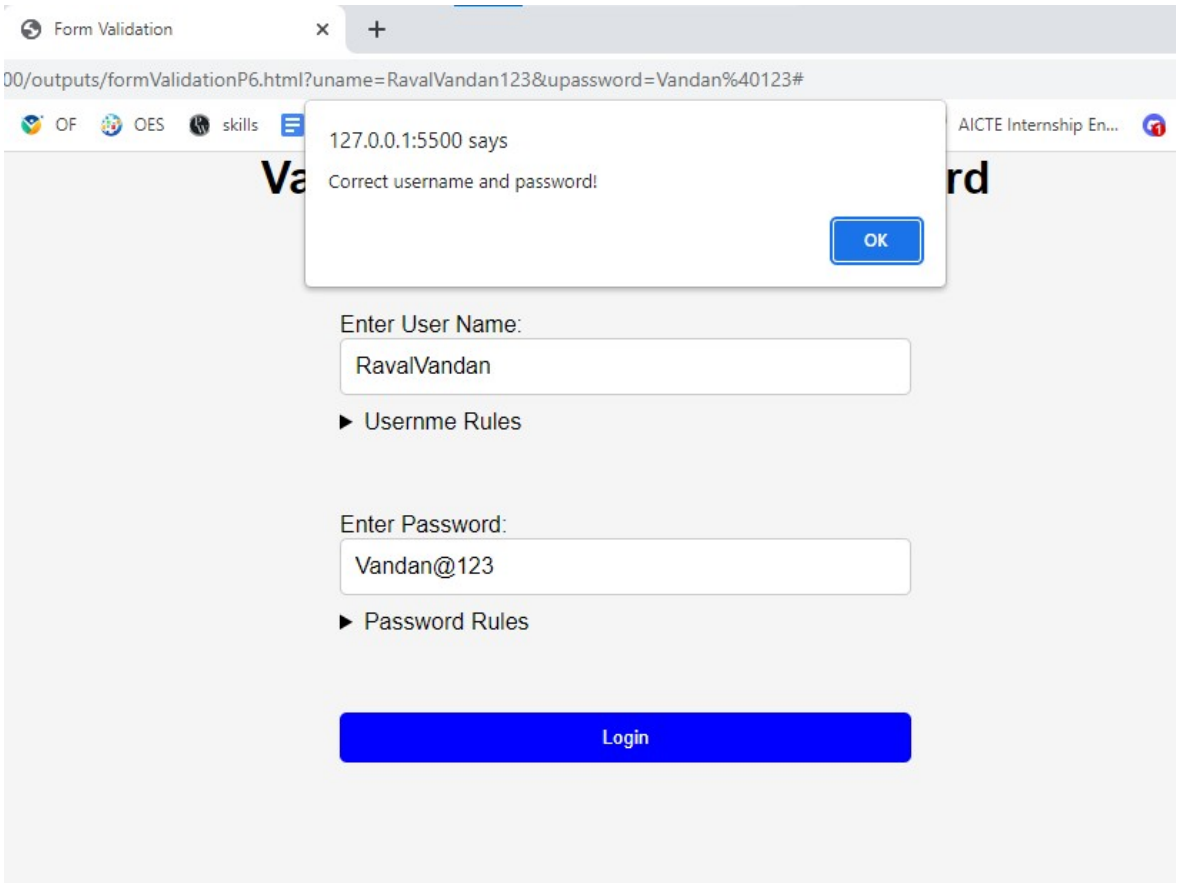
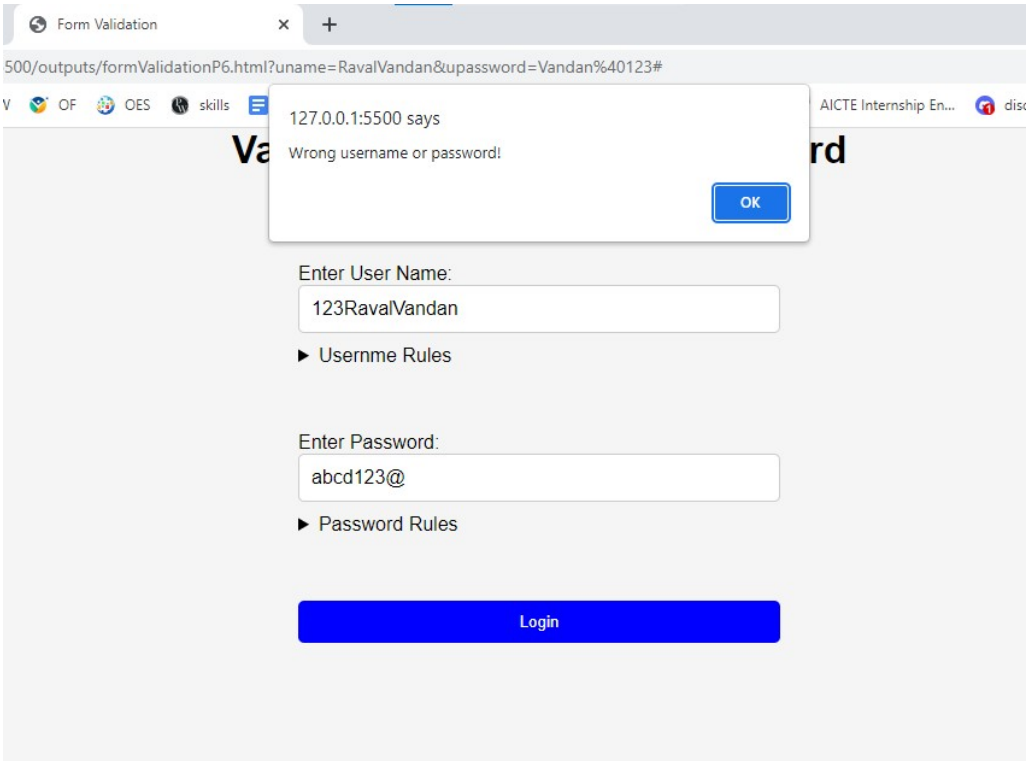

Form Validation
00/outputs/formValidationP6.html?uname=RavalVandan123&upassword=Vandan%40123#
OF
OES
skills
AICTE Internship En...
127.0.0.1:5500 says
Correct username and password!
OK
Enter User Name:
RavalVandan
Usernme Rules
Enter Password:
Vandan@123
Password Rules
Login


Form Validation
500/outputs/formValidationP6.html?uname=RavalVandan&upassword=Vandan%40123#
OF
OES
skills
AICTE Internship En...
127.0.0.1:5500 says
Wrong username or password!
OK
Enter User Name:
123RavalVandan
Usernme Rules
Enter Password:
abcd123@
Password Rules
Login