```javascript
1  var queryString;
2  var changeDim = new Event('changeDimensions');
3  function validateLogin() {
4        console.log("validateLogin");
5      var formElement = document.forms.userForm;
6      var formData = new FormData(formElement);
7      var keypairs = [];
8      let count = 0;
9      for (var pair of formData.entries()) {
10        if (pair[1] == "" || pair[1] < 0) {
11           pair[1] = 0.00;
12        }
13        keypairs.push(pair[0] + "=" + pair[1]);
14        count++;
15     }
16      queryString = keypairs.join("&");
17     console.log(queryString);
18
19     //prevent form submission
20     sendToJava(queryString);
21  };
22   function sendToJava (str) {
23        javaConnector.toJavaLogin(str);
24  };
25
26  var jsConnector = {
27       showResult: function (result) {
28            document.getElementById('output').innerHTML = result;
29       },
30       goToQueryPage: function() {
31            //sends to Java code a call to reset screen size
32
33       //window.location.assign("https://dpsoccerdude101.github.io/dpsoccerdude101.github.i
34       o/Lab07%20(Attempt%20%232)/Lab07.html");
35
36       window.open("https://dpsoccerdude101.github.io/dpsoccerdude101.github.io/Lab07%20(At
37       tempt%20%232)/Lab07.html","_self");
38            dispatchDimChange();
39
40       },
41       loginFailed: function() {
42            alert("You have entered an invalid User ID or Password.");
43       }
44  };
45  function dispatchDimChange() {
46       document.getElementById("back").dispatchEvent(changeDim);
47  }
48
49  function getJsConnector() {
50       return jsConnector;
51  };
52
53
54
55  // Dispatch the event.
56  //dispatchEvent(event);
```