

```
1 var queryString;
2 var called = false;
3 function validateForm() {
4     var formElement = document.forms.RealEstateForm;
5     var formData = new FormData(formElement);
6     var keypairs = [];
7     let count = 0;
8     for (var pair of formData.entries()) {
9         if (pair[1] == "" || pair[1] < 0) {
10             if (count % 2 == 0) {
11                 //sets values of input names with 'min' to 0 if null, or less than 0
12                 pair[1] = 0;
13             } else if (count == 1)
14                 //sets value of maxPrice to 1 million if null, or less than 0
15                 pair[1] = 1000000;
16             else if (count == 3)
17                 //sets value of maxArea to 6000 if null, or less than 0
18                 pair[1] = 6000;
19             //sets value of maxBeds to 10 if null, or less than 0
20             else pair[1] = 10;
21         }
22         keypairs.push(pair[0] + "=" + pair[1]);
23         count++;
24     }
25     queryString = keypairs.join("&");
26     console.log(queryString);
27     //prevent form submission
28     sendToJava(queryString);
29
30     if (called) {
31         document.getElementById("dream").removeAttribute("type", "submit");
32         document.getElementById("dream").setAttribute("disabled", "");
33         called = false;
34     }
35
36     return false;
37 };
38 function sendToJava (str) {
39     javaConnector.toJava(str);
40 };
41
42 var jsConnector = {
43     showResult: function (result) {
44         document.getElementById('output').innerHTML = result;
45     }
46 };
47 function getJsConnector() {
48     return jsConnector;
49 };
50 function Reset() {
51     document.getElementById("notDream").setAttribute("disabled", "");
52     document.getElementById("dream").setAttribute("type", "submit");
53     document.getElementById("notDream").removeAttribute("type", "submit");
54     document.getElementById("dream").removeAttribute("disabled", "");
55 };
56 function remove() {
57     document.getElementById("notDream").removeAttribute("disabled");
58     document.getElementById("notDream").setAttribute("type", "submit");
59     called = true;
60 };
```

```
61 const form = document.getElementById("RealEstateForm");  
62 form.onreset = Reset;
```