```javascript
 1  "use strict";
 2
 3  const $ = selector => document.querySelector(selector);
 4
 5  const displayErrorMsgs = msgs => {
 6      // create a new ul element
 7      const ul = document.createElement("ul");
 8      ul.classList.add("messages");
 9
10      // create a new li element for each error message, add to ul
11      for (let msg of msgs) {
12          const li = document.createElement("li");
13          const text = document.createTextNode(msg);
14          li.appendChild(text);
15          ul.appendChild(li);
16      }
17
18      // if ul node isn't in document yet, add it
19      const node = $("ul");
20      if (node == null) {
21          // get the form element
22          const form = $("form");
23
24          // add ul to parent of form, before the form
25          form.parentNode.insertBefore(ul, form);
26      } else {
27          // replace existing ul node
28          node.parentNode.replaceChild(ul, node);
29      }
30  }
31
32  const processEntries = () => {
33      // get form controls to check for validity
34      const email = $("#email_address");
35      const phone = $("#phone");
36      const country = $("#country");
37      const terms = $("#terms");
38
39      // create array for error messages
40      const msgs = [];
41
42      // check user entries for validity
43      if (email.value == "") {
44          msgs[msgs.length] = "Please enter an email address.";
45      }
46      if (phone.value == "") {
47          msgs[msgs.length] = "Please enter a mobile phone number.";
48      }
49      if (country.value == "") {
```

```javascript
50            msgs[msgs.length] = "Please select a country.";
51        }
52        if (terms.checked == false) {
53            msgs[msgs.length] = "You must agree to the terms of service.";
54        }
55
56        // submit the form or notify user of errors
57        if (msgs.length == 0) {   // no error messages
58            $("form").submit();
59        } else {
60            displayErrorMsgs(msgs);
61        }
62    };
63
64    const resetForm = () => {
65        $("form").reset();
66
67        // remove error messages
68        $("ul").remove();
69
70        $("#email_address").focus();
71    };
72
73    document.addEventListener("DOMContentLoaded", () => {
74        $("#register").addEventListener("click", processEntries);
75        $("#reset_form").addEventListener("click", resetForm);
76        $("#email_address").focus();
77    });
```