personal—website/projects/prog13/prog13.js

```
 1  /*
 2      Name: Kevin Blinn
 3      Class: CPSC 3750
 4      Date Due: July 13th, 2024
 5      Assignment: Prog13 — AJAX & Handlebars
 6  */
 7
 8  // Initialize a counter to keep track of the current page
 9  var pageCounter = 1;
10
11  // Get references to the animal info container and the button
12  var animalInfoContainer = document.getElementById("animal-info");
13  var fetchButton = document.getElementById("fetch-button");
14
15  // Add a click event listener to the button
16  fetchButton.addEventListener("click", function() {
17
18    // Create a new XMLHttpRequest object
19    var request = new XMLHttpRequest();
20
21    // Initialize a GET request with the URL containing the current page number
22    request.open('GET', 'https://learnwebcode.github.io/json-example/animals-' + page↵
    Counter + '.json');
23
24    // Define what happens when the request is successfully completed
25    request.onload = function() {
26      if (request.status >= 200 && request.status < 400) {
27
28        // Parse the JSON response
29        var data = JSON.parse(request.responseText);
30
31        // Render the HTML using the parsed data
32        renderHTML(data);
33      }
34      else {
35        console.log("We connected to the server, but it returned an error.");
36      }
37    };
38
39    // Define what happens in case of an error
40    request.onerror = function() {
41      console.log("Connection error");
```

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42      };
43
44      // Send the request
45      request.send();
46
47      // Increment the page counter
48      pageCounter++;
49
50      // Hide the button if there are no more pages to fetch
51      if (pageCounter > 3) {
52        fetchButton.classList.add("hide-me");
53      }
54  });
55
56  // Function to render the HTML using Handlebars
57  function renderHTML(data) {
58      // Get the Handlebars template from the HTML
59      var source = document.getElementById("animal-template").innerHTML;
60
61      // Compile the template
62      var template = Handlebars.compile(source);
63
64      // Generate the HTML by passing the data to the template
65      var htmlString = template(data);
66
67      // Insert the generated HTML into the container
68      animalInfoContainer.insertAdjacentHTML('beforeend', htmlString);
69  }
```