```javascript
 1: //Loop example
 2: //Author: Kim Lam
 3: //Description: Compares two strings letter by letter
 4: //Displays on the HTML page which letters are the same
 5: //Display the total of common letters at bottom of the page
 6:
 7: var outputArea = document.getElementById("stringOutput");
 8: var word1 = prompt("Enter a first word");
 9: var word2 = prompt("Enter a second word");
10: //Counter for number of common letters
11: var count = 0;
12: var minLength = Math.min(word1.length, word2.length);
13:
14: //The initial output string is empty
15: //We will add to it with a loop
16: var outputString = "";
17:
18: for (var i = 0; i < minLength; i = i + 1) {
19:
20:     //Add the letters at the i'th position to the output.
21:     outputString = outputString + i + ":" + word1.substring(i, i + 1) +
22:         word2.substring(i, i + 1)+",";
23:
24:     //Compares the letter at the i'th position
25:     if (word1.substring(i, i + 1) === word2.substring(i, i + 1)) {
26:         outputString = outputString + "Letters match";
27:         count = count +1;
28:     } else {
29:         outputString = outputString + "Letters do not match";
30:     }
31:     outputString = outputString + "<br>";
32: }
33: outputArea.innerHTML = outputString + "<br>Common letters" + count;
```