

**personal-website/programming-exam/exam02/index.html**

```
1  <!--
2      Name: Kevin Blinn
3      Class: CPSC 3750
4      Date Due: July 20th, 2024
5      Assignment: Programming Exam #2
6  -->
7
8  <!DOCTYPE html>
9  <html lang="en">
10 <head>
11     <meta charset="UTF-8">
12     <link rel="stylesheet" href="../../navStyle.css">
13     <script src="../../load-navbar.js" defer></script>
14     <title>Exam #2</title>
15     <link rel="stylesheet" href="exam02.css">
16 </head>
17 <body>
18 <header>
19     <!--NavBar-->
20     <div id="navbar-placeholder"></div>
21 </header>
22
23 <main>
24     <!--Description of the Exam-->
25     <div class="description">
26         <h1>Programming Exam #2</h1>
27         <p>
28             Given a word.txt file, determine how many vowels (A,E,I,O,U) are in
29             each word and associate each word with the number of vowels.
30             After finding the amount of vowels in each word, display buttons
31             for the user to select how many vowels they want to see in the words.
32             Whenever the user presses one of these buttons, display all of the
33             words that have that many vowels in a scrollable list. The user can
34             then drag and drop the words they want to keep into a drop area.
35         </p>
36         <h2>REQUIREMENTS FOR A:</h2>
37         <ul>
38             <li>The scrollable list should be sorted in word length order from short-
39             est word to longest word.</li>
40             <li>Display the words and allow the user to drag a word from the list and
41             drop it in an area of your choosing.</li>
42         </ul>
43     </div>
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42
43     <br><hr><br>
44
45     <!--Exam Code-->
46     <div class="assignment">
47         <h1>Vowel Counter</h1>
48         <p>
49             Press a button to display all of the words that have the selected amount
of vowels.
50             If you want to keep a word, drag it into the drop area below.
51         </p>
52
53         <!--Display the Vowel Buttons for the User-->
54         <div id="buttonsContainer"></div>
55
56         <!--Display the Words with the correct amount of vowels that the user selecte
ed-->
57         <div id="wordsContainer" class="scrollable-list"></div>
58
59         <!--Display the Word Count of the Scrollable List-->
60         <div id="wordCountList">Words in Scrollable List: 0</div>
61
62         <h2>Drag You Words in the Area Below:</h2>
63
64         <!--Give a Drop Area for the words the user wants to drag and drop-->
65         <div id="dropArea" class="drop-area" ondrop="dropWord(event)" ondragover="allowDrop(event)"></div>
66
67         <!--Display the Word Count of the words in the drop area-->
68         <div id="wordCount">Words in Drop Area: 0</div>
69     </div>
70
71 </main>
72
73 <script src="exam02.js"></script>
74 </body>
75 </html>
76
77
```