ACT #38 Answer Sheet

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Testing</title>
    <script src="test.js"></script>
  </head>
  <script>
    function count_vowels(word) {
      word = word.toLowerCase();
      let vowels = "aeiou";
      let vowel_counter = 0;
      for (let i = 0; i < word.length; i++) {
        if (vowels.includes(word.charAt(i))) {
          vowel_counter++;
        }
      }
      return vowel_counter;
    }

    function count_consonants(word) {
      word = word.toLowerCase();
      let consonants = "bcdfghjklmnpqrstvwxyz";
      let cons_counter = 0;
      for (let i = 0; i < word.length; i++) {
        if (consonants.includes(word.charAt(i))) {
          cons_counter++;
        }
      }
      return cons_counter;
    }

    function run() {
      let entry = prompt("Give me a word.");
      if (entry != "") {
        let vowels = count_vowels(entry);
```

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        let consonants = count_consonants(entry);
        return "Vowels: " + vowels + " | Consonants: " + consonants;
    } else {
        console.error("ERROR: Empty input");
    }
  }
</script>
<body>
    <button onclick="console.log(run())">Run</button>
</body>
</html>
```