

## Spin Word/s

**Background:** A spin word/s is word/s that is reversed under certain conditions.

**Challenge:** [Codewars](#)

**Resources:** [MDN Web Docs](#), [w3Schools](#) and [freeCodeCamp](#)

**Notes:** The code below is intended to be informational and is not meant to be the only way to write a spin word function. In addition to the function below, I employed other functions and methods to set conditions and facilitate user interaction.

```
function spinWords(str) {  
  // convert the string to an array, considering if one or more words are present  
  let words = str.split(" ");  
  
  // get the length of the array  
  let lengthOfWords = words.length  
  
  //using a for loop, check each word, i, in the array  
  for (let i = 0; i < lengthOfWords; i++){  
    //if a word in the array has 5 or more letters  
    if(words[i].length >= 5) {  
      // split the word, reverse it, then join the letters  
      words[i] = words[i].split("").reverse().join("");  
    }  
  }  
  // Output: convert the array back to a string  
  return words.join(" ");  
}
```

// TESTING THE FUNCTION

```
console.log(spinWords("Hey fellow warriors")); // Hey wollef sroirraw  
console.log(spinWords("This is a test")); // This is a test  
console.log(spinWords("This is another test")) // This is rehtona tset  
console.log(spinWords("This is Reskill Americans")) // This is llikseR snaciremA  
console.log(spinWords("Javascript")); // tpircsavaJ  
console.log(spinWords("Fun")); // Fun
```