



JS-CC-003 : Reverse Words

Purpose of the this coding challenge is to write a code that given a string , returns reverse order of words.

Learning Outcomes

At the end of the this coding challenge, students will be able to;

- Analyze a problem, identify and apply programming knowledge for appropriate solution.
- Demonstrate their knowledge of algorithmic design principles by using JavaScript effectively.

Problem Statement

- Write a function that takes an array of characters and reverses the words order.
- Please note that, single word should not be reversed!
- Please take a look at the empty function and test code below:

```
function reverseWords(message) {  
    // Write your code here  
  
}  
// You can write additional helper functions as well.  
  
/* *** Tests *** */  
let desc = 'Don\'t reverse single word';  
let input = 'Clarusway'.split('');  
reverseWords(input);  
let actual = input.join('');  
let expected = 'Clarusway';  
assertEqual(actual, expected, desc);  
  
desc = 'Inspiring Quote #1';  
input = 'days. big make things Little'.split('');  
reverseWords(input);  
actual = input.join('');  
expected = 'Little things make big days.';  
assertEqual(actual, expected, desc);  
  
desc = 'Inspiring Quote #2';  
input = "impossible. mean not does hard but hard, be to going It's".split('');  
reverseWords(input);  
actual = input.join('');  
expected = "It's going to be hard, but hard does not mean impossible.";  
assertEqual(actual, expected, desc);  
  
desc = 'Inspiring Quote #3';  
input = "done. you're when Stop tired. you're when stop Don't".split('');  
reverseWords(input);  
actual = input.join('');  
expected = "Don't stop when you're tired. Stop when you're done.";  
assertEqual(actual, expected, desc);
```

```
function assertEquals(a, b, desc) {  
  if (a === b) {  
    console.log(`${desc} ... PASS`);  
  } else {  
    console.log(`${desc} ... FAIL: ${a} ≠ ${b}`);  
  }  
}
```

⌚ Happy Coding 