

# JavaScript Reverse String

## Challenge

Write a function that reverses a string. The input string is given as an array of characters `s`.

You must do this by modifying the input array in-place with  $O(1)$  extra memory.

### 1<sup>st</sup> Example

Input: `s = ['s','u','p','e','r','k','l','o','k']`  
Output: `['k','o','l','k','r','e','p','u','s']`



### 2<sup>nd</sup> Example

Input: `s = ['R','a','c','e','c','a','r']`  
Output: `['r','a','c','e','c','a','R']`



## Constraints

- $1 \leq s.length \leq 10^5$
- `s[i]` is a printable ascii character.

# Solution

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```
const reverseString = (s) => {  
  s.reverse();  
};
```



## Explanation

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I've created a function expression, using ES6 syntax, that is defined by an anonymous function that accepts `s` as an array of string characters.

Within the anonymous function, the `reverse` array prototype method is applied to the string array `s`. This will output the reverse of any array that the `reverseString` function is applied to.

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