

JS Problems - Strings 2

6. Write a JavaScript function to parameterize a string.

Test Data :

```
console.log(string_parameterize("Robin Singh from USA."));  
"robin-singh-from-usa"
```

Test Cases :

Input : Hello World !!

output : hello-world-!!

Input : Strings are Immutable

output : strings-are-immutable

7. Write a JavaScript function to capitalize the first letter of each word in a string.

Test Data :

```
console.log(capitalize_Words('js string exercises'));  
"Js String Exercises"
```

Test Cases :

Input : javascript is a programming language

output : Javascript Is A Programming Language

8. Write a JavaScript function that format a number in a human-readable string with the correct suffix, such as 1st, 2nd, 3rd, etc.

Test Data :

```
console.log(humanize_format());  
console.log(humanize_format(1));  
console.log(humanize_format(8));  
console.log(humanize_format(301));  
console.log(humanize_format(402));  
"1st"  
"8th"  
"301st"  
"402nd"
```

9. Write a JavaScript function to truncate a string to a certain number of words.

Test Data :

```
console.log(truncate('The quick brown fox jumps over the lazy dog', 4));
```

Output :

"The quick brown fox"

Test Cases :

Input 1 : Hi Welcome to DCKAP !!!

Input 2 : 2

output : Hi Welcome

Input 1 : Something is better than nothing

Input 2 : 3

output : Something is better

10. Write a JavaScript function to remove the first occurrence of a given 'search string' from a string.

Test Data :

```
console.log(remove_first_occurrence("The quick brown fox jumps over the lazy dog", 'the'));
```

Output :

"The quick brown fox jumps over lazy dog"

Test Cases :

i . Input 1 : Something is better than nothing

Input 2 : is

Output : Something better than nothing

ii . Input 1 : Javascript language is used to create dynamic websites

Input 2 : language

Output : Javascript is used to create dynamic websites

11. Write a JavaScript function to create a case-insensitive search.

Test Data :

```
console.log(case_insensitive_search('JavaScript Exercises', 'exercises'));  
"Matched"  
console.log(case_insensitive_search('JavaScript Exercises', 'Exercises'));  
"Matched"  
console.log(case_insensitive_search('JavaScript Exercises', 'Exercisess'));  
"Not Matched"
```

Test Cases :

- i. Input 1 : Welcome to DCKAP
Input 2 : DCkap

Output : Matched

- ii. Input 1 : Welcome to DCKAP
Input 2 : dckAPP

Output : Not matched

12. Write a JavaScript function to test case-insensitive (except special Unicode characters) string comparison.

Test Data :

```
console.log(compare_strings('abcd', 'AbcD'));
```

true

```
console.log(compare_strings('ABCD', 'Abce'));
```

false

Test Cases :

i. Input 1 : WeLcomE

Input 2 : welCOME

Output : true

ii. Input 1 : SomEtHinG

Input 2 : somTHing

Output : false

13. Write a JavaScript function that takes a string with both lowercase and upper case letters as a parameter. It converts upper case letters to lower case, and lower case letters to upper case.

Test Data :

```
console.log(swapcase('AaBbc'));
```

```
"aAbBC"
```

Test Cases :

i. Input : DCkap

Output : dcKAP

ii. Input : SomEtHinG

Output : sOMeThING