

Kata 5 - Percent Encoded String

Assignment

50 minutes

✔ Status

Complete

In this exercise, we will be given a normal string of words and turn it into a percent-encoded string by replacing all whitespace with `%20`.

Percent Encoding

Take a look at the following URL, specifically the last part:

https://www.google.com/search?q=lighthouse%20labs

This URL will perform a google search for the term "lighthouse labs". Notice that when the string "lighthouse labs" is part of a URL, the space is replaced with `%20`.

If we want to add a parameter to a url, there are certain characters that must be **encoded** in order to make the URL valid. There are many characters that must be encoded, including: `,` `!`, `"`, and `#`. For this exercise, we will only be focusing on replacing the space with `%20`.

Input

```
const urlEncode = function(text) {  
  // Put your solution here  
};  
  
console.log(urlEncode("Lighthouse Labs"));  
console.log(urlEncode(" Lighthouse Labs "));  
console.log(urlEncode("blue is greener than purple for sure"));
```

Expected Output

Lighthouse%20Labs
Lighthouse%20Labs
blue%20is%20greener%20than%20purple%20for%20sure

👉 Create a function named `urlEncode` that will receive a string of words, and return that string with all of the whitespace characters converted to `%20`. If there is whitespace on the outside of the string, like in our second example above, you should only replace the whitespace within the string.

⚠️ Use some sort of looping. Do Not use `String.prototype.replace`

👉 Submit Your Work

- Browse to gist.github.com and create a new gist.
- Copy-and-paste your code into the form
- Name the gist and the file appropriately and click `Create secret gist`.
- Finally, mark this activity as completed (at the bottom of this page) and please copy/paste the *entire* browser URL for your gist (from *gist.github.com*) into the text field.

<https://gist.github.com/sa>

✖ Cancel Submission



Previous

Kata 4 - Instructors Names

Next

Kata 6 - SmartParking



How well did you understand this content?

Thank you for your feedback



Totally got it!

Please give us some written insight into your feedback

Prep Work

- › 1: Welcome
- › 2: Dev Environment
- › 3: Version Control
- › 4: Programming Intro
- › 5: The Browser
- ✓ 6: Katas

6 hrs + 29 hrs stretch 🏆

☰ Katas



- ✎ [Kata 1 - Sum the Largest Numbers](#) ✓
- ✎ [Kata 2 - Conditional sums](#) ✓
- ✎ [Kata 3 - Vowels](#) ✓
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- ✎ [Kata 17 - JS Object From URL Encoded String](#) ✓
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- ✎ [Kata 19 - Queen Threat Detector](#) ✓
- ✎ [Kata 20 - Taxicab Geometry](#) ✓
- ✎ [Kata 21 - Number Guesser](#) ✓

- › 7: Stretch Project
- › 8: The Lab Manual
- › 9: Day One Prep
- › 10: Collab Tools Setup

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