Kata 5 - Percent Encoded String

Assignment

50 minutes



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"));

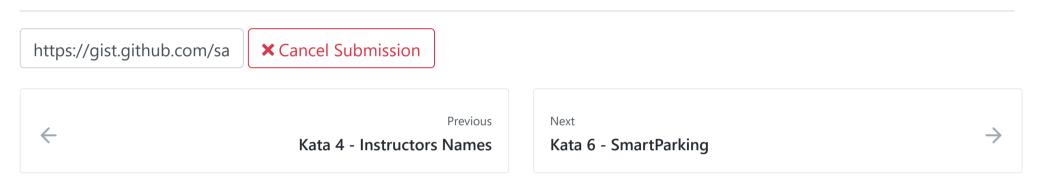
console.log(urlEncode(" Lighthouse Labs "));

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 <u>gist.github.com</u> 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.



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 T





Kata 1 - Sum the Largest Numbers	✓
Kata 2 - Conditional sums	✓
Kata 3 - Vowels	✓
Kata 4 - Instructors Names	✓
Kata 5 - Percent Encoded String	✓
Kata 6 - SmartParking	✓
⟨/> <u>Kata 7 - In the Air Tonight</u>	~
Kata 8 - Repeating Numbers	~
Kata 9 - Case Maker	~
Kata 10 - Multiplication Table	~
Kata 11 - Bouncy Castles	~
Kata 12 - The Great Codeville Bake-off	~
Kata 13 - Talking Calendar	~
Kata 14 - Change Calculator	~
Kata 15 - Organizing Instructors	~
Kata 16 - Case Maker II	~
Kata 17 - JS Object From URL Encoded String	~
Kata 18 - Square Code	~
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

POWERED BY

