

Kata 2 - Conditional sums

Assignment

45 minutes



Status

Complete



Some of the following katas deal with arrays and looping! If you're having some trouble completing these, you might find it helpful to revisit some of the previous exercises, such as ["Looping and Repetition"](#), ["Array Operations and Properties"](#), and ["Looping Over Arrays"](#). JavaScript *does* have some built-in helper functions for working with arrays such as `.sort`, `.map`, `.filter`, and others, but we highly recommend avoiding those functions while working through the prep katas.

For this kata, we'll be adding only the numbers in the array which match the given condition.

Input

```
const conditionalSum = function(values, condition) {  
  // Your code here  
};  
  
console.log(conditionalSum([1, 2, 3, 4, 5], "even"));  
console.log(conditionalSum([1, 2, 3, 4, 5], "odd"));  
console.log(conditionalSum([13, 88, 12, 44, 99], "even"));  
console.log(conditionalSum([], "odd"));
```

Expected Output

```
6  
9  
144  
0
```



Create a function named `conditionalSum` that will be given an array of numbers and a condition, in this case `odd` or `even`. Given this condition, add up only the values which match that condition. If no values match the condition, return `0`.

⚠ Use some sort of looping. Do Not use `Array.prototype.filter()`

👉 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 1 - Sum the Largest Numbers

Next

Kata 3 - Vowels



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



🔗 Kata 4 - Instructors Names



<code></></code> Kata 5 - Percent Encoded String	✓
<code></></code> Kata 6 - SmartParking	✓
<code></></code> Kata 7 - In the Air Tonight	✓
<code></></code> Kata 8 - Repeating Numbers	✓
<code></></code> Kata 9 - Case Maker	✓
<code></></code> Kata 10 - Multiplication Table	✓
<code></></code> Kata 11 - Bouncy Castles	✓
<code></></code> Kata 12 - The Great Codeville Bake-off	✓
<code></></code> Kata 13 - Talking Calendar	✓
<code></></code> Kata 14 - Change Calculator	✓
<code></></code> Kata 15 - Organizing Instructors	✓
<code></></code> Kata 16 - Case Maker II	✓
<code></></code> Kata 17 - JS Object From URL Encoded String	✓
<code></></code> Kata 18 - Square Code	✓
<code></></code> Kata 19 - Queen Threat Detector	✓
<code></></code> Kata 20 - Taxicab Geometry	✓
<code></></code> Kata 21 - Number Guesser	✓

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

POWERED BY

