

Visuals by: Julie Dorion-Bélanger. Thanks Julie!

Simplify your JavaScript – U-- -



.map(), .reduce(), and Seam age " ut if you don't need to be sempathd with the year of beyour you have in the end though is an array containing only the 4d of each person.

```
ere are mu<sup>l</sup>t<sup>‡</sup> <sup>‡</sup> e ways to ac <sup>h</sup>eve t<sup>h</sup>s. You mish twant to do the yereating an empty
as how does on the major that the major and the major and an equipment
esante e The life is the sureas value is the stray as returns san inev value
in the resulting array
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""cer 'n m'n" t<sup>h</sup> at t<sup>h</sup>e resulting array w<sup>11</sup> always <sup>b</sup>e t<sup>h</sup>e same lengt<sup>h</sup> as t<sup>h</sup>e original
difference bere is charge duce passes che result of chi calle a b c be accumulator? From
one array e<sup>1</sup>emen<sup>e 1</sup>o <sup>1</sup>e o<sup>1</sup>e
The accumulator can be pretty much anything threger string of eet etc.) and must be
instantiated or passed when early
       name: "Pue Pame-un"
       name. ""-mm"n '-nam' v-----
       ·----
       name: "Tallitagan Lintra",
       esternal set to many security :
   · - ";
```

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<sup>Notice Par I</sup>ve se<sup>r Pe</sup>s starting value as <sup>O T</sup> cou<sup>lst h</sup>ave also used an existing variable <sup>P</sup>
necessary of terrunning the calls at for each element of the array reduce will return
e<sup>1</sup>·e<sup>-fi</sup>nal value of our accumulator <sup>Ci</sup>n our case: == <sup>2</sup>.
ter see how the can be a ortened with meet arrow unetons:
  reduce as well,
rea p<sup>rogra</sup>na more vents of experience <sup>ph</sup>an <sub>are a</sub> then that phot becomes the new
_ra_s so that's the one return
There's wear "area.
       .....
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receives a "Spills person and process that we
  var refera e prince. Etter (Europien (prince)
  var empty = ptherm frace transchen (pther)
That's 't' ond 't's even shorter with arrow functions:
  Bastally if the alles of unction returns true the current element will be in the
resu<sup>1</sup>t<sup>1</sup>ng arras. <sup>If i</sup>t returns <sup>fa1</sup>se <sup>it</sup> won't <sup>b</sup>e
combine map refuce and file of
.map() and .
ove can east, chan our cans
Land and the state and the second and the second areas.
```

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()Simplify your JavaScript - Use .map(), .reduce(), and .filter
        name. "Bora Bridger"
        name: "Eat-t Pume"
Gurobjective: get the total score of orce users only het's doingten by step!
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with that we have a clements left in our resulting array. We now need to create an
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" Meaute, thea the test
     ndle's use reduce to set the total:
                                nonghalaman _ nontrans_andum Curantrans_andum (and and and a
            // Resutt. 420
 La
Exert
                       mer "une" en « ent» «
                       reduce Constitut (accepted)
   Chillip The Company to the Company through the
            . Prince terror _ person takenesser?
                       .max <sup>C3</sup>=<sup>C4</sup> _= <sup>3</sup>=<sup>C4</sup> .x<sup>4</sup>+c<sup>4</sup> not ==== <sup>3</sup>=<sup>C4</sup> .x<sup>6</sup>==c<sup>4</sup> not ==== <sup>3</sup>
easts attevet exame result will only we was the them in therefor the sale of the
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essume e ansou suess' on we could ons eer entree of me get the same result with
why not use for senor
.map(), .reduce(), and .....
a unur u u f years assu i starte i wur ins a ut mure with data that same from an API
       here Thegan to see the all vantages of eaving _____ bind
Formatting
Earnounced to distant a fact people with the rname and obtite
      name. "otat sebae",
The API stress you the above data buryou only need the title and the last name of each
person You need to format the data. However your app also needs to have a single
vew oreac person so you must write a lata formateing unction hat of work ha
"ar view and in a single view
That means you can't have the earman't oor in the of your formateing function or else
you wou. <sup>14 h</sup>ave to wrap your single slamont in an array be sore you pass to the
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But Formany the ng it can't That means you have to push the
^= a result, you have = "unetons: your r_______.... "uneton and your "uneton
rtis es e<sup>ls</sup>e resti<sup>te</sup>s is yoth stray
Taseing is assist
Tr you you to unit tout it or your or or you at the first or to tout it of the fore you or
.map(), .reduce(), Or -
ou<sup>c B</sup> i <sup>B</sup> " b comes ou<sup>c If Ibi i d'?" Less man l'u a<sup>c</sup>on ess</sup>
beforeEach() s and
T---
for loops with .map(), .reduce(),
seems <sup>to Ple x</sup> guaran<sup>t</sup>ee your este w<sup>ith to</sup>e way less clun by and much easter to read
*** yetu <sup>116</sup> e<sup>15</sup> ar artii e and wan<sup>e t</sup>ei barn muse array me<sup>th</sup> e a chee e eur my artii e en
how to use .some() and .find()
Koop op di 1132
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