**Find the first non-consecutive number**

25390% of 286469 of 1,646[thecodeite](http://www.codewars.com/users/thecodeite)

Python

* [TRAIN AGAIN](http://www.codewars.com/kata/find-the-first-non-consecutive-number/train/python)
* [NEXT KATA](http://www.codewars.com/trainer/python)

Details

[Solutions](http://www.codewars.com/kata/find-the-first-non-consecutive-number/solutions/python)

[Forks (2)](http://www.codewars.com/kata/find-the-first-non-consecutive-number/forks/python)

[Discourse (21)](http://www.codewars.com/kata/find-the-first-non-consecutive-number/discuss/python)

* Add to Collection
* |
* Share this kata:

Your task is to find the first element of an array that is not consecutive.

E.g. If we have an array [1,2,3,4,6,7,8] then 1 then 2 then 3 then 4 are all consecutive but 6 is not, so that's the first non consecutive number.

If the whole array is consecutive then return null

The array will always have at least 2 elements and all the elements will be numbers. The numbers will also all be unique and in ascending order. The numbers could be positive or negative and the first non-consecutive could be either too!

If you like this Kata, maybe try this one next

<https://www.codewars.com/kata/represent-array-of-numbers-as-ranges>

FUNDAMENTALS

ARRAYS

<http://www.codewars.com/kata/find-the-first-non-consecutive-number/python>

def **first\_non\_consecutive**(arr):

i=0

res = None

while i+1 < len(arr):

if arr[i]+1 != arr[i+1]:

res = arr[i+1]

break

i+=1

return res

#print first\_non\_consecutive([1,2,3,4,6,7,8])

print first\_non\_consecutive([1,2,3,4,5,6,7,8])