

Algorithms → Linear structures → Fixed-size array

Algorithms → Calculations

 Medium  4 minutes 

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Given below is an array of integers:

```
a = [3, 0, 3, 9, 2, 1]
```

The following procedures perform some calculations with the array:

1:

```
r = 7
for i in 0..len(a):
    x = a[i]
    x = x * x - x
    r += x
```

2:

```
r = 13
r += a[a[0]]
r -= a[a[len(a)-1]]
```

3:

```
r = 0
for i in 0..len(a):
    if a[i] < len(a):
        r += a[a[i]]
```

Print the final value of *r* for each of the calculations in the field below. Separate the values by space. For example, your output may look like this:

```
2 10 7
```

```
93 22 24
```

✓ **Correct**

Thanks for your feedback!

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SK

Share something, Sergey Kubatko

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U1 **User 1343352** 4 days ago [Report](#)

This is one of the worst question I have ever seen in my life. It is extremely tedious to do all that operation in your head.

♡ 0 [Reply](#)

D **Darren** 4 months ago [Report](#)

Psuedocode code is a waste of my time in a "Java Course"

♡ 18 [Reply](#)

NO **Nema Otto** 5 months ago [Report](#)

What is the purpose of providing PHYTON code?

♡ 1 [Reply](#)

JN **Jakov Nechaev** 29 days ago [Report](#)

Python is more readable and have much more flexibility than Java. This is a common practice - to make working program algorithm in Python, and then rewrite it to more complicated language

♡ 1 [Reply](#)

AG **Asmik Garjaka** 2 days ago [Report](#)

It's not Python because there we use range(0,len) in place of 0...len. But very similar to Python

♡ 0 [Reply](#)

KP **Konstantin Proskurnya** 5 months ago [Fixed](#)

Typo in first procedure - arr[i]. Must be a[i].

♡ 0

U1 **User 161635** 5 months ago [Fixed](#)

In the first part of calculation arr[i] - what is it?

♡ 0