



Practice > Python > Built-Ins > Any or All

Any or All ☆

61/115 challenges solved

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Problem

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any()

This expression returns `True` if **any** element of the iterable is true.

If the iterable is empty, it will return `False`.

Code

```
>>> any([1>0,1==0,1<0])
True
>>> any([1<0,2<1,3<2])
False
```

all()

This expression returns `True` if **all** of the elements of the iterable are true. If the iterable is empty, it will return `True`.

Code

```
>>> all(['a'<'b','b'<'c'])
True
>>> all(['a'<'b','c'<'b'])
False
```

Task

You are given a space separated list of integers. If all the integers are positive, then you need to check if any integer is a [palindromic integer](#).

Input Format

The first line contains an integer N . N is the total number of integers in the list.

The second line contains the space separated list of N integers.

Constraints

$$0 < N < 100$$

Output Format

Print `True` if all the conditions of the problem statement are satisfied. Otherwise, print `False`.

Author

DOSHI

Difficulty

Easy

Max Score

20

Submitted By

10931

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Sample Input

```
5
12 9 61 5 14
```

Sample Output

True

Explanation

Condition 1: All the integers in the list are positive.

Condition 2: 5 is a palindromic integer.

Hence, the output is True .

Can you solve this challenge in 3 lines of code or less?

There is no penalty for solutions that are correct but have more than 3 lines.

Current Buffer (saved locally, editable)



Python 3



```
1 n,values=int(input()),input().split()
2 print(any([j==j[::-1] for j in values if all(["-" not in i for i in
values]))])
```

Line: 2 Col: 80

Upload Code as File

☐ Test against custom input

Run Code

Submit Code



You have earned 20.00 points!

61/115 challenges solved.

53%

Congratulations

You solved this challenge. Would you like to challenge your friends?



Next
Challenge

✔ Testcase 0

✔ Testcase 1

✔ Testcase 2

✔ Testcase 3

6 Testcases ✓

Input (stdin)

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Expected Output

[Download](#)**5**
12 9 61 5 14**True**

Compiler Message

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