



Any or All

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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.

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.

Author

[deleted]

Difficulty

Easy

Max Score

20

Submitted By

56436

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Language

Python 3

1

N = int(input())

2

n = input().split()

3

print(all([int(i)>0 for i in n]) and any([j == j[::-1] for j in n]))

Line: 3

Col: 69

Upload Code as File

Test against custom input

Run Code

Submit Code

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

Sample Test case 0

Download

Input (stdin)

1

5

2

12 9 61 5 14

Your Output (stdout)

1

True

Expected Output

1

True

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