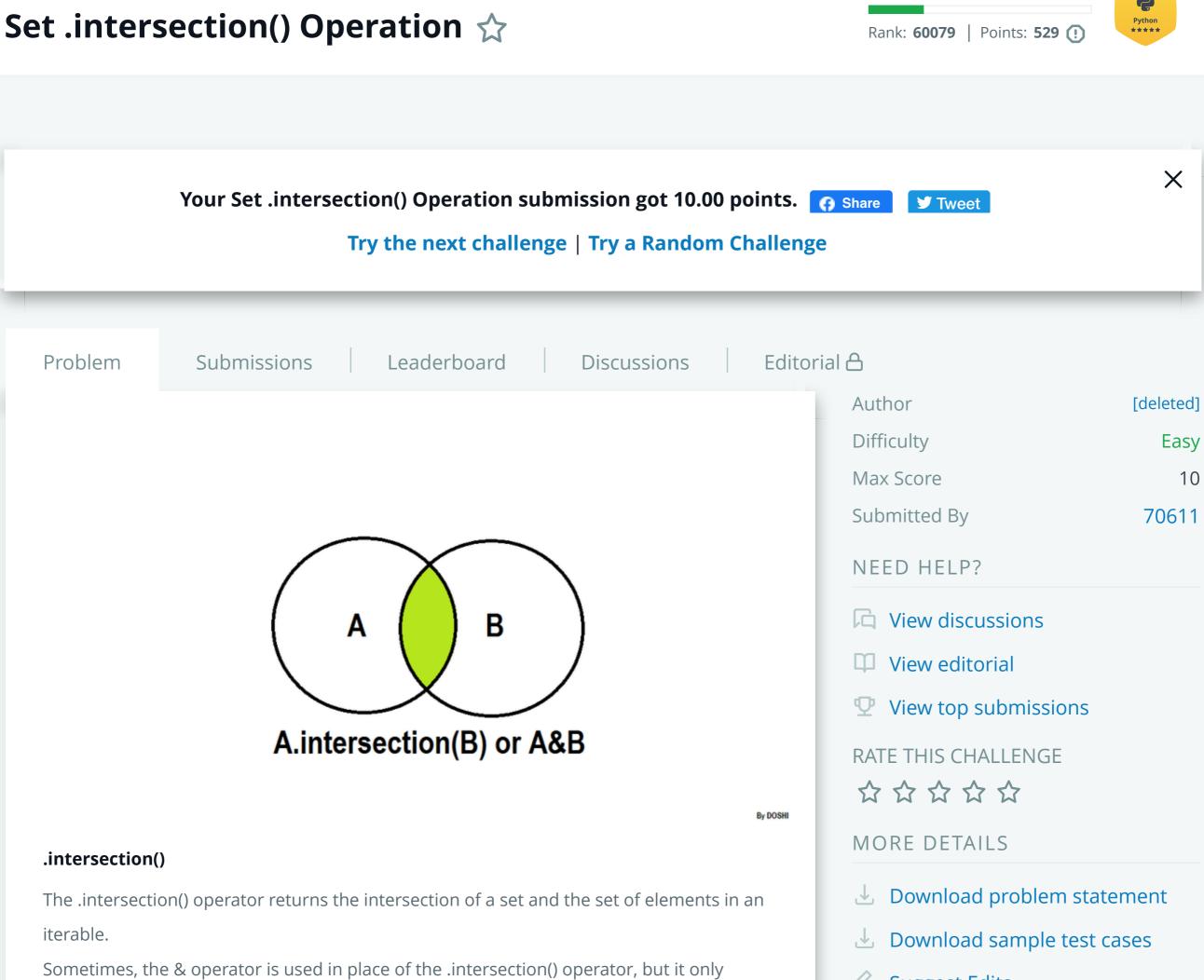
**FAIR** 

28/115 challenges solved





operates on the set of elements in set. The set is immutable to the .intersection() operation (or & operation).

>>> s = set("Hacker") >>> print s.intersection("Rank")

set(['a', 'k'])

```
>>> print s.intersection(set(['R', 'a', 'n', 'k']))
  set(['a', 'k'])
  >>> print s.intersection(['R', 'a', 'n', 'k'])
  set(['a', 'k'])
  >>> print s.intersection(enumerate(['R', 'a', 'n', 'k']))
  set([])
  >>> print s.intersection({"Rank":1})
  set([])
  >>> s & set("Rank")
  set(['a', 'k'])
Task
The students of District College have subscriptions to English and French newspapers.
```

## Some students have subscribed only to English, some have subscribed only to French, and

some have subscribed to both newspapers.

newspaper, one set has subscribed to the French newspaper. Your task is to find the total number of students who have subscribed to both newspapers. **Input Format** 

You are given two sets of student roll numbers. One set has subscribed to the English

newspaper. The second line contains  $oldsymbol{n}$  space separated roll numbers of those students. The third line contains b, the number of students who have subscribed to the French

The first line contains n, the number of students who have subscribed to the English

 $0 < Total\ number\ of\ students\ in\ college < 1000$ 

The fourth line contains  $\boldsymbol{b}$  space separated roll numbers of those students.

### **Output Format**

newspaper.

**Constraints** 

newspapers. **Sample Input** 

9

1 2 3 4 5 6 7 8 9 10 1 2 3 11 21 55 6 8

Output the total number of students who have subscriptions to **both** English and French

# **Sample Output**

5

**Explanation** 

Hence, the total is **5** students.

output to STDOUT

s1=set(l)

5

n=map(int,input())

n1=map(int,input())

l=map(int,input().split())

1, 2, 3, 6 and 8.

Change Theme

# Enter your code here. Read input from STDIN. Print

The roll numbers of students who have both subscriptions:



Python 3

**Run Code** ↑ Upload Code as File **Test against custom input** 

You have earned 10.00 points!

28/115 challenges solved.

Congratulations

**⊘** Test case 5 △

Python

Next Challenge

24%

Line: 5 Col: 18

**Submit Code** 

You solved this challenge. Would you like to challenge your friends? **f in ⊘** Test case 0 Compiler Message Success **⊘**Test case 1 △ **⊘** Test case 2 🖰 Download Input (stdin) 9 **⊘** Test case 3 🖰 1 2 3 4 5 6 7 8 9 **⊘** Test case 4 🖰 10 1 2 3 11 21 55 6 8

**Expected Output** 

Easy 10 70611

**Suggest Edits** 

Download