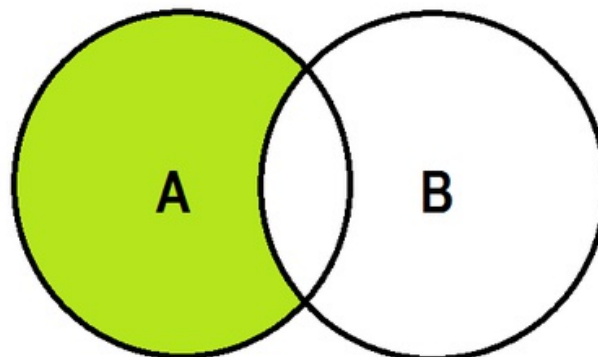# Set .difference() Operation

A.difference(B) or A - B

By DOSHI

.difference()

The tool *.difference()* returns a set with all the elements from the set that are not in an iterable.
Sometimes the `-` operator is used in place of the *.difference()* tool, but it only operates on the set of elements in *set*.
Set is immutable to the *.difference()* operation (or the `-` operation).

```
>>> s = set("Hacker")
>>> print s.difference("Rank")
set(['c', 'r', 'e', 'H'])

>>> print s.difference(set(['R', 'a', 'n', 'k']))
set(['c', 'r', 'e', 'H'])

>>> print s.difference(['R', 'a', 'n', 'k'])
set(['c', 'r', 'e', 'H'])

>>> print s.difference(enumerate(['R', 'a', 'n', 'k']))
set(['a', 'c', 'r', 'e', 'H', 'k'])

>>> print s.difference({"Rank":1})
set(['a', 'c', 'e', 'H', 'k', 'r'])

>>> s - set("Rank")
set(['H', 'c', 'r', 'e'])
```

Task

Students of District College have a subscription to *English* and *French* newspapers. Some students have subscribed to only the *English* newspaper, some have subscribed to only the *French* newspaper, and some have subscribed to both newspapers.

You are given two sets of student roll numbers. One set has subscribed to the *English* newspaper, and one set has subscribed to the *French* newspaper. Your task is to find the total number of students who have subscribed to *only English* newspapers.

Input Format

The first line contains the number of students who have subscribed to the *English* newspaper.
The second line contains the space separated list of student roll numbers who have subscribed to the *English* newspaper.
The third line contains the number of students who have subscribed to the *French* newspaper.
The fourth line contains the space separated list of student roll numbers who have subscribed to the *French* newspaper.

Constraints

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

Output Format

Output the total number of students who are subscribed to the *English* newspaper *only*.

Sample Input

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

Sample Output

```
4
```

Explanation

The roll numbers of students who *only* have *English* newspaper subscriptions are:
$4, 5, 7$ and 9.
Hence, the total is 4 students.