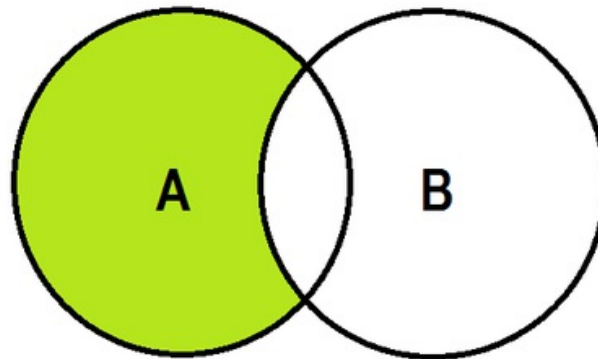


# Set .difference() Operation

## Problem Statement



**A.difference(B) or A - B**

By DOSHI

## .difference()

`.difference()` returns a set with all elements from set that are not in an iterable.

Sometimes '-' operator is used in place of `.difference()` operator but it operates only on the set of elements in *set*.

Set is immutable to `.difference()` operation (or '-' 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 subscription of *English* and *French* newspapers. Some students have subscribed to only *English*, some have subscribed to only *French* and some have subscribed to both newspapers.

You are given two sets of roll numbers of students, who have subscribed to *English* and *French* newspapers. Your task is to find total number of students who have subscribed *to only English*

newspapers.

### Input Format

First line contains, number of students who have subscribed to *English* newspaper.

Second line contains, space separated list of roll numbers of students, who have subscribed to *English* newspaper.

Third line contains, number of students who have subscribed to *French* newspaper.

Fourth line contains, space separated list of roll numbers of students, who have subscribed to *French* newspaper.

### Constraints

$0 < \text{Total number of students in college} < 1000$

### Output Format

Output total number of students who have *only English* newspaper subscriptions.

### 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

Roll numbers of students who have *only English* newspaper subscription:

4, 5, 7 and 9.

Hence, total is **4** students.