Missing Vowels

Description

- You are given a string, stored in a variable `str`, and the length of the string is stored in the variable `N`
- You have to find all the vowels that are not present in the string and print them.
- If a string contains all the vowels, in that case, print -1.
- For example, consider the value stored in `N = 6`, and `str = nature`

```
out of the 5 vowels(a,e,i,o,u)
the word "nature" contains a,u,e
The vowel that are not present in the string are : i,o

hence the output is io
```

```
Note : The string contains only lower case English Alphabets
```

Input

- The first line of the input contains the value stored in `N`
- The second line of the input contains the value stored in `str`

Output

- Print all the vowels that are not present in the given string.

Sample Input 1

```
6
nature
```

Sample Output 1

```
io
```

Hint

the value stored in `N = 6`, and `str = nature`.

```
out of the 5 vowels(a,e,i,o,u)
the word "nature" contains a,u,e
The vowel that are not present in the string are : i,o

hence the output is io
```

Appear Once

Description

- You are given an array, whose size is stored in a variable with the name `N`
- The array is stored in a variable with the name `arr`
- You have to find the sum of all the elements of the array which are unique.
- For example, consider the value stored in `N = 7`, and the value stored in `arr = [3,5,3,3,8,5,6]`. Since there are two numbers that are unique i.e 8 and 6.
- Then the required output will be `8+6 = 14`, which is the required output

Input

- The first line of the input contains the value stored in `N`
- The next line contains `N` space-separated integers denoting the value stored in `arr`

Output

- Print thesum of all the elements of the array which are unique.

Sample Input 1

```
7
3 5 3 3 8 5 6
```

Sample Output 1

```
14
```

Hint

In the sample test case, the value stored in `N = 7`, and the value stored in `arr = [3 5 3 3 8 5 6]`.

- **8 occurs 1 time**
- **6 occurs 1 time**
- 5 occurs 2 times
- 3 occurs 3 times

- Thus the required output will be 8 + 6 = 14

Edible Plants

Edit

Description

Chunnu and Munnu have gone hiking and they have a shortage of food supplies. So, they want your help to figure out which plants are edible and which are not. You are given a string `edible` representing the types of plants that are edible, and another string `plants` representing all plants that are on the trail. Your task is to find out how many plants are there on the trail which are edible.

`Note:` Letters are case sensitive, so `"a"` is considered a different type of plant from `"A"`.

Input

Input

- First line represents `N`, length of `edible` string
- Second line represents the `edible` string
- Third line represents `M`, length of `plants` string
- Fourth line represents the `plant` string

Constraints

1 <= N, M <= 1000

Output

Output the count of plants that are edible

Sample Input 1

```
2
xY
6
AYxxXY
```

Sample Output 1

```
4
```

Sample Input 2

```
3
abc
6
ABCxyz
```

Sample Output 2

```
0
```

Hint

In Sample1,

- `N=2`, `edible="xY"`, `M=6`, `plants="AYxxXY"`
- In the `plants` string there are 4 characters `(2 "x"'s and 2 "Y"'s)` that are there in the `edible` string.
- Hence, the output is `4`

In Sample2,

- `N=3`, `edible="abc"`, `M=6`, `plants="ABCxyz"`
- In the `plants` string there are no characters that match with `edible` string.
- Hence, the output is `0`