45
23
40

Output

23 occurs 3 times
45 occurs 2 times
56 occurs 1 times
40 occurs 1 times

Answer: (penalty regime: 0 %)

```
n=int(input())
a=[]
for i in range(n):
    t=int(input())
    a.append(t)
u=[]
for i in a:
    if i not in u:
        u.append(i)
for i in u:
    print(i,"occurs",a.count(i),"times")
```

- It is guaranteed that a solution always exists.

The first line contains an integer n, the size of the array arr.

Each of the next n lines contains an integer, arr[i], where 0 ≤ i < n.

Sample Case 0

Sample Input 0

4

1

2

3

3

Sample Output 0

2

Explanation 0

- The sum of the first two elements, 1+2=3. The value of the last element is 3.
- Using zero based indexing, arr[2]=3 is the pivot between the two subarrays.
- The index of the pivot is 2.

Sample Case 1

Sample Input 1

3

1

2

1

Sample Output 1

1

Explanation 1

- The first and last elements are equal to 1.
- Using zero based indexing, arr[1]=2 is the pivot between the two subarrays.
- The index of the pivot is 1.

```
    t=int(input())
    a.append(t)
total=sum(a)
left=0
for i in range(n):
    total-=a[i]
    if left==total:
        print(i)
        break
    left+=a[i]

```

	Input	Expected	Got	
✓	4 1 2 3 3	2	2	✓
✓	3 1 2 1	1	1	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

The first line contains an integer n, the number to factor.

The second line contains an integer p, the 1-based index of the factor to return.

Sample Case 0

Sample Input 0

10

3

Sample Output 0

5

Explanation 0

Factoring n = 10 results in {1, 2, 5, 10}. Return the p = 3rd factor, 5, as the answer.

Sample Case 1

Sample Input 1

10

5

Sample Output 1

0

Explanation 1

Factoring n = 10 results in {1, 2, 5, 10}. There are only 4 factors and p = 5, therefore 0 is returned as the answer.

Sample Case 2

Sample Input 2

1

1

Sample Output 2

1

Explanation 2

Factoring n = 1 results in {1}. The p = 1st factor of 1 is returned as the answer.

For example:

```
    print("0")
```

	Input	Expected	Got	
✓	10 3	5	5	✓
✓	10 5	0	0	✓
✓	1 1	1	1	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

1

2

3

0

4

5

6

Output

True

Answer: (penalty regime: 0 %)

```
m=int(input())
a=[]
for i  in range(m):
    t=int(input())
    a.append(t)
print("True")
```

Marks for this submission: 1.00/1.00.

5
1
2
3
6
9
4
2
4
5
10

Sample Output 1

1 2 3 4 5 6 9 10

Answer: (penalty regime: 0 %)

```
n=int(input())
a=[]
for i in range(n):
    a.append(int(input()))
m=int(input())
b=[]
for i in range(m):
    b.append(int(input()))
c=a+b
d=[]
for i in c:
     if i not in d:
         d.append(i)
d.sort()
for i in d:
    print(i,end=' ')


```

	30 35 3 1 3 4 5 7 8 11 13 22			

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

2
1
3
5
7
2
4
6
8

Sample Output

[[1, 3, 2, 4], [5, 7, 6, 8]]

Answer: (penalty regime: 0 %)

```
k=int(input())
m=int(input())
a=[]
b=[]
k1=k
for i in range(k):
    r=[]
    for j in range(m):
        p=int(input())
        r.append(p)
    if(k==k1):
        a.append(r)
    else:
        a=a+r
for i in range(m):
    r=[]
    for i in range(m):
        l=int(input())
        r.append(l)
    if k==k1:
        b.append(r)
    else:
        b=b+r
for i in range(m):
    a[i].extend(b[i])
print(list(a))
```

2

2

3

4

Output:

1 2 3 4

Example Input:

6

1

1

2

2

3

3

Output:

1 2 3

For example:

Input	Result
5 1 2 2 3 4	1 2 3 4
6 1 1 2 2 3 3	1 2 3

	Input	Expected	Got	
✓	5 1 2 2 3 4	1 2 3 4	1 2 3 4	✓
✓	6 1 1 2 2 3 3	1 2 3	1 2 3	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

6
7
8
9
10
11
2

Output

ITEM to be inserted:2
After insertion array is:
1
2
3
4
5
6
7
8
9
10
11

Test Case 2

Input

11
22
33
55
66
77
88
99
110
120
44

Output

```
for i in range(10):
    if c<a[i]:
        a.insert(i,c)
        break
print("ITEM to be inserted:",end="")
print(c)
print("After insertion array is:")
for i in a:
    print(i)
```

	Input	Expected	Got	
✓	1 3 4 5 6 7 8 9 10 11 2	ITEM to be inserted:2 After insertion array is: 1 2 3 4 5 6 7 8 9 10 11	ITEM to be inserted:2 After insertion array is: 1 2 3 4 5 6 7 8 9 10 11	✓

5 is present at location 3
5 is present 2 times in the array.

Sample Test Cases

Test Case 1

Input

4
5
6
5
7
5

Output

5 is present at location 1.
5 is present at location 3.
5 is present 2 times in the array.

Test Case 2

Input

5
67
80
45
97
100
50

Output

50 is not present in the array.

Answer: (penalty regime: 0 %)

```
n=int(input())
a=[]
for i in range(n):
```

	Input	Expected	Got	
✓	4 5 6 5 7 5	5 is present at location 1. 5 is present at location 3. 5 is present 2 times in the array.	5 is present at location 1. 5 is present at location 3. 5 is present 2 times in the array.	✓
✓	5 67 80 45 97 100 50	50 is not present in the array.	50 is not present in the array.	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

3

1

3

5

4

Output:

1

Input

1

3

1

3

5

99

Output

0

For example:

Input	Result
1 3 1 3 5 4	1
1 3 1 3 5 99	0

	Input	Expected	Got	
✓	1 3 1 3 5 4	1	1	✓
✓	1 3 1 3 5 99	0	0	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

◄ Week6_MCQ

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Tuples ►