Started on	Friday, 26 April 2024, 8:28 PM
State	Finished
Completed on	Friday, 26 April 2024, 10:13 PM
Time taken	1 hour 45 mins
Marks	5.00/5.00
Grade	**50.00** out of 50.00 (**100**%)
Name	ABINAUV R 2022-CSD-A

Question **1**

Correct

Mark 1.00 out of 1.00

Write a program to read a string and a character and find the whether the character is available in the string or not. Pri
character is present in the string, False otherwise.

Sample Input

Rakalakshmi

a

Sample Output

True

Sample Input

Rakalakshmi

b

Sample Output

False

Answer: (penalty regime: 0 %)

```
a = input()
b = input()
if b in a:
    print("True")
else:
    print("False")
```

	Input	Expected	Got	
✔	Rajalakshmi a	True	True	✔
✔	Rajalakshmi b	False	False	✔

Passed all tests! ✔

Question **2**

Correct

Mark 1.00 out of 1.00

Write a python program to read a string and a character, print the number of occurrence of the character in the string a
of the first occurrence.

Note: To convert an input string to tuple use tuple(variablename).

Sample Input

Apple

p

Sample Output

2

1

Answer: (penalty regime: 0 %)

```
a = input()
b = input()
print(a.count(b))
print(a.find(b))

```

	Input	Expected	Got	
✔	Apple p	2 1	2 1	✔
✔	Rajalakshmi a	3 1	3 1	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Question **3**

Correct

Mark 1.00 out of 1.00

Write a Python program to check whether an element exists within a tuple.

sample input:

3 : no of elements

REC

RIT

RSB

REC: ELEMENT TO CHECK

SAMPLE OUTPUT:

True

Answer: (penalty regime: 0 %)

```
a = int(input())
b = tuple(input()for i in range(a))
d = input()
c = d in b
print(c)
```

	Input	Expected	Got	
✔	3 REC RIT RSB REC	True	True	✔
✔	2 vijay kumar rec	False	False	✔

Question **4**

Correct

Mark 1.00 out of 1.00

Write a python program to count the no. of Occurrence of an item in the tuple and print the list of items and no. of Oc
than one time in sorted order.

Input formate:

10 numbers in 10 lines

Sample Input:

50

70

40

60

70

50

80

60

20

60

Sample Output:

50:2

60:3

70:2

Answer: (penalty regime: 0 %)

```
numbers = [int(input()) for i in range(10)]
c = {}
for num in numbers:
    if num in c:
        c[num] += 1
    else:
        c[num] = 1
result = [(num, count) for num, count in c.items() if count > 1]
result.sort()
for num, count in result:
    print("{}:{}".format(num, count))
```

	Input	Expected	Got	
✔	50 70 40 60 70 50 80 60 20 60	50:2 60:3 70:2	50:2 60:3 70:2	✔
✔	40 50 30 60 30 20 40 10 30 10	10:2 30:3 40:2	10:2 30:3 40:2	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Question **5**

Correct

Mark 1.00 out of 1.00

Write a python program to find the the total and average of the students mark. print the total and average of each stu

Input: first line no.of student, next n * 4 line student marks(four lines for each tuple)

3

20

30

35

45

30

54

60

45

50

60

70

75

Output:

Total : (130,189,255)

Average : (32.50,47.25,63.75)

For example:

Input	Result
3 20 30 35 45 30 54 60 45 50 60 70 75	Total : (130, 189, 255) Average : (32.5, 47.25, 63.75)

Answer: (penalty regime: 0 %)

```
num = int(input())
tot = []
avg = []
for _ in range(num):
    marks = [int(input()) for _ in range(4)]
    total = sum(marks)
```

```
    average = total / len(marks)
    tot.append(total)
    avg.append(average)
print("Total :", tuple(tot))
print("Average :", tuple(avg))
```

	Input	Expected	Got	
✔	3 20 30 35 45 30 54 60 45 50 60 70 75	Total : (130, 189, 255) Average : (32.5, 47.25, 63.75)	Total : (130, 189, 255) Average : (32.5, 47.25, 63.75)	✔
✔	2 30 20 25 10 25 10 15 50	Total : (85, 100) Average : (21.25, 25.0)	Total : (85, 100) Average : (21.25, 25.0)	✔
✔	3 54 65 85 20 20 38 46 78 56 42 36 18	Total : (224, 182, 152) Average : (56.0, 45.5, 38.0)	Total : (224, 182, 152) Average : (56.0, 45.5, 38.0)	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.