Started on	Friday, 3 May 2024, 12:10 PM
State	Finished
Completed on	Friday, 3 May 2024, 1:02 PM
Time taken	51 mins 29 secs
Marks	5.00/5.00
Grade	**50.00** out of 50.00 (**100**%)
Name	ISHWARYA M 2022-CSD-A

Write a program to read a string and a character and find the whether the character is available in the string or not. Print True if the 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 %)

```
1  x = input()
2  c = input()
3  print(c in x)
4
```

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

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

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

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 %)

```
1  n = int(input())
2  s = []
3  a = []
4  for i in range (0,n):
5      sum = 0
6      for j in range (0,4):
7          x = int(input())
8          sum = sum + x
9      s.append(sum)
10     a.append(sum/4)
11 print("Total :",end = " ")
12 print(tuple(s))
13 print("Average :",end = " ")
14 print(tuple(a))
15
16
```

	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.

Write a program to unpack the following tuple into variables depends on the length of tuple (Max length = 10) and display each values separately.

Sample Input:

4

10

30

40

60

Sample Output:

a=10

b=30

c=40

d=60

Answer: (penalty regime: 0 %)

```
1  n = int(input())
2  c = "abcdefghijklmnopqrstuvwxyz"
3  for i in range(0,n):
4      a = int(input())
5      print("%s=%d"%(c[i],a))
6
```

	Input	Expected	Got	
✔	4 10 30 40 60	a=10 b=30 c=40 d=60	a=10 b=30 c=40 d=60	✔
✔	9 15 60 75 85 90 70 35 25 45	a=15 b=60 c=75 d=85 e=90 f=70 g=35 h=25 i=45	a=15 b=60 c=75 d=85 e=90 f=70 g=35 h=25 i=45	✔

Passed all tests! ✔

Marks for this submission: 1.00/1.00.

Question **4**

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 %)

```python
n = int(input())
ar = []
for i in range (0,n):
    x = input()
    ar.append(x)
tup = tuple(ar)
k = input()
# print(k in ar)
print(k in tup)
```

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

Passed all tests! ✔

Marks for this submission: 1.00/1.00.

Create a tuple t1 with numbers 1 to 5, t2 with 6 to 10 and t3 with a string "REC".

Concatenate t1 and t2 and print the result.

Repeat the t3 10 times without using any looping statements.

Expected output:

(1, 2, 3, 4, 5, 6, 7, 8, 9, 10)
('REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC')

Answer: (penalty regime: 0 %)

```python
1  t1 = tuple(range(1, 6))
2  t2 = tuple(range(6, 11))
3  t3 = ("REC",) * 10
4  print(t1 + t2)
5  print(t3)
```

	Expected	Got	
✔	(1, 2, 3, 4, 5, 6, 7, 8, 9, 10) ('REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC')	(1, 2, 3, 4, 5, 6, 7, 8, 9, 10) ('REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC', 'REC')	✔

Passed all tests! ✔

Correct
Marks for this submission: 1.00/1.00.

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