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Started on	Friday, 17 May 2024, 12:23 PM
State	Finished
Completed on	Monday, 20 May 2024, 8:53 PM
Time taken	3 days 8 hours
Marks	5.00/5.00
Grade	50.00 out of 50.00 (100%)
Name	JUNIDE CHRIS A 2022-CSD-A

Question 1

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 %)

```

1 n=int(input())
2 t=()
3 for i in range(n):
4     t=t+((input()),)
5 e=input()
6
7 if e in t:
8     print("True")
9 else:
10    print("False")

```

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

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

Question 2

Correct

Mark 1.00 out of 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))

```

	Input	Expected	Got	
✓	4	a=10	a=10	✓
	10	b=30	b=30	
	30	c=40	c=40	
	40	d=60	d=60	
	60			

	Input	Expected	Got	
✓	9	a=15	a=15	✓
	15	b=60	b=60	
	60	c=75	c=75	
	75	d=85	d=85	
	85	e=90	e=90	
	90	f=70	f=70	
	70	g=35	g=35	
	35	h=25	h=25	
	25	i=45	i=45	
	45			

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

Question **3**

Correct

Mark 1.00 out of 1.00

Rahul went to a supermarket to buy some product, he has purchased the products and about to pay the bill, where the items he purchased is been stored in a nested tuples in the following order ((item_name,item_cost,no_of_item)), consider raju has purchased 5 items, calculate the total cost for the items he purchased.

sample input:

bread

45

5

milk

40

2

cheese

60

2

butter

90

2

jam

60

2

sample output: 725

Answer: (penalty regime: 0 %)

```
1 cst=0
2 for i in range(5):
3     n=input()
4     c=int(input())
5     n=int(input())
6     cst=cst+(c*n)
7 print(cst)
```

	Input	Expected	Got	
✓	bread 45 5 milk 40 2 cheese 60 2 butter 90 2 jam 60 2	725	725	✓
✓	noodles 55 5 egg 10 10 ketchup 80 2 cooldrinks 100 2 fruit 160 2	1055	1055	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

Question **4**

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

Answer: (penalty regime: 0 %)

```

1 n=int(input())
2 sum=0
3 t=()
4 a=()
5 avg=0
6 for i in range(n):
7     sum=0
8     avg=0
9     for j in range(4):
10        m=int(input())
11        sum=sum+m
12
```

```

13     t=t+(sum,)
14     avg=sum/4
15     a=a+(avg,)
16     print("Total :",t)
17     print("Average :",a)

```

	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.

Question 5

Correct

Mark 1.00 out of 1.00

Create a tuple, remove an item from the tuple, and display the tuple.

Sample input:

5 : No of items

2020 : tuple items

'd'

"rec"

'python'

'tuple'

python : item to be removed

Sample Output:

('2020','d','rec','tuple')

For example:

Input	Result
4 samsung vivo redmi Vijay Vijay	('samsung', 'vivo', 'redmi')

Answer: (penalty regime: 0 %)

```
1 n=int(input())
2 t=()
3 k=()
4 for i in range(n):
5     t=t+((input()),)
6 s=input()
7 for i in range(n):
8     if s==t[i]:
9         continue
10    else:
11        k=k+(t[i],)
12 print(k)
```

	Input	Expected	Got	
✓	4 samsung vivo redmi Vijay Vijay	('samsung', 'vivo', 'redmi')	('samsung', 'vivo', 'redmi')	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

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