WEEK_08-Tuple

Started on	Sunday, 28 April 2024, 3:33 PM
State	Finished
Completed on	Sunday, 28 April 2024, 5:41 PM
Time taken	2 hours 8 mins
Marks	5.00/5.00
Grade	**50.00** out of 50.00 (**100**%)
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WEEK 08-Tuple

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  t1=tuple()
3  l1=['a','b','c','d','e','f','g','h','i','j','k','l','m','n','o','p','q'
4  for i in range(0,n):
5      num=int(input())
6      t1=t1+(num,)
7  for i in range(0,n):
8      print("{}={}".format(l1[i],t1[i]))
9
```

	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! ✔

Correct

Marks for this submission: 1.00/1.00.

WEEK_08-Tuple

Create different types of tuples as per below-mentioned values and print the same.

()
(4, 5, 8)
(1, 'ECE', 'MCT', 'R&A', 3.4)
('Python', [8, 4, 6], (1, 2, 3))

Answer: (penalty regime: 0 %)

```
1  t1=tuple()
2  t2=(4,5,6)
3  t3=(1,'ECE','MCT','R&A',3.4)
4  t4=('Python',[8,4,6],(1,2,3))
5  print(t1)
6  print(t2)
7  print(t3)
8  print(t4)
```

	Expected	Got	
✔	() (4, 5, 6) (1, 'ECE', 'MCT', 'R&A', 3.4) ('Python', [8, 4, 6], (1, 2, 3))	() (4, 5, 6) (1, 'ECE', 'MCT', 'R&A', 3.4) ('Python', [8, 4, 6], (1, 2, 3))	✔

Passed all tests! ✔

WEEK_08-Tuple
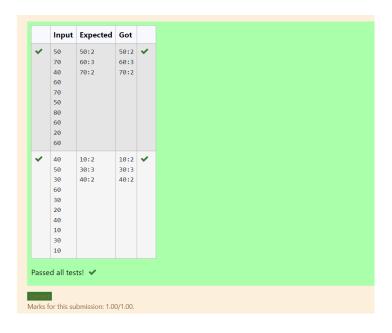
Write a python program to count the no. of Occurrence of an item in the tuple and print the list of items and no. of Occurrence more than one time in sorted order.

Input formate:

10 numbers in 10 lines

Answer: (penalty regime: 0 %)

```python
1  n=10
2  s1=set()
3  t1=tuple()
4  for i in range(0,n):
5      num=int(input())
6      t1=t1+(num,)
7      s1.add(num)
8  for i in sorted(s1):
9      if(t1.count(i)>=2):
10         print("{}:{}".format(i,t1.count(i)))
11
```

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

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Question 4

Correct

Mark 1.00 out of 1.00

⚑ Flag question

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.
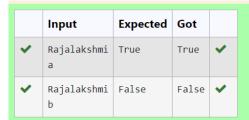
Sample Input

Rakalakshmi

a

Sample Output

True

Answer: (penalty regime: 0 %)

```
1  s=input()
2  ch=input()
3  if ch in s:
4      print("True")
5  else:
6      print("False")
```

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

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

WEEK_08-Tuple

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.
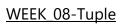
sample input:

bread

45

5

milk

40

2

cheese

60

2

butter

90

2

jam

60

2

sample output: 725

Answer: (penalty regime: 0 %)

```
1   n=5
2   s=0
3   t1=tuple()
4   for i in range(0,n):
5       prod=input()
6       cost=int(input())
7       qty=int(input())
8       t1=t1+(prod,)+(cost,)+(qty,)
9       s=s+(cost*qty)
10  #print(t1)
11
12  print(s)
```

	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.