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Started on	Sunday, 28 April 2024, 6:14 PM
State	Finished
Completed on	Sunday, 5 May 2024, 9:49 PM
Time taken	7 days 3 hours
Marks	5.00/5.00
Grade	50.00 out of 50.00 (100%)
Name	<a href="#">ABHIGNYA P 2022-CSD-A</a>



Question 1

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 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(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.

Question **2**

Correct

Mark 1.00 out of 1.00

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

	Expected	Got	
✓	<pre>() (4, 5, 6) (1, 'ECE', 'MCT', 'R&amp;A', 3.4) ('Python', [8, 4, 6], (1, 2, 3))</pre>	<pre>() (4, 5, 6) (1, 'ECE', 'MCT', 'R&amp;A', 3.4) ('Python', [8, 4, 6], (1, 2, 3))</pre>	✓

Passed all tests! ✓

**Correct**

Marks for this submission: 1.00/1.00.

Question **3**

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 List1=['a','b','c','d','e','f','g','h','i','j','k','l','m','n','o','p','q','r','s','t','u','v','w','x'
3 List=[]
4 for i in range(n):
5     List.append(int(input()))
6 for i in range(len(List)):
7     print("%s=%d"%(List1[i],List[i]))
```

	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.

Question **4**

Correct

Mark 1.00 out of 1.00

Create a tuple:

```
my_tuple = ('R','a','j','a','l','a','k','s','h','m','i')
```

and apply slicing and display the output as shown below:

```
('R', 'a', 'j', 'a')
('l', 'a', 'k', 's', 'h', 'm', 'i')
('R', 'a', 'j')
('l', 'a', 'k')
('m', 'i')
```

**Answer:** (penalty regime: 0 %)

```
1 my_tuple=('R','a','j','a','l','a','k','s','h','m','i')
2 print(my_tuple[0:4])
3 print(my_tuple[4:len(my_tuple)])
4 print(my_tuple[0:3])
5 print(my_tuple[4:7])
6 print(my_tuple[9:len(my_tuple)])
```

	Expected	Got	
✓	('R', 'a', 'j', 'a') ( 'l', 'a', 'k', 's', 'h', 'm', 'i') ( 'R', 'a', 'j') ( 'l', 'a', 'k') ( 'm', 'i')	('R', 'a', 'j', 'a') ( 'l', 'a', 'k', 's', 'h', 'm', 'i') ( 'R', 'a', 'j') ( 'l', 'a', 'k') ( 'm', 'i')	✓

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 List=[]
3 for i in range(n):
4     List.append(input())
5 R=input()
6 List.remove(R)
7 print(str(List).replace('[','(').replace(')',''))

```

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

Passed all tests! ✓

