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<b>Started on</b>	Monday, 29 April 2024, 3:47 PM
<b>State</b>	Finished
<b>Completed on</b>	Monday, 29 April 2024, 4:16 PM
<b>Time taken</b>	29 mins 23 secs
<b>Marks</b>	5.00/5.00
<b>Grade</b>	<b>50.00</b> out of 50.00 ( <b>100%</b> )
<b>Name</b>	<a href="#">DHANUSH M 2022-CSD-A</a>



## Question 1

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 Occurrence more than one time in sorted order.

Input format:

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 %)

```
1 from collections import Counter
2 numbers = [int(input()) for _ in range(10)]
3 count = Counter(numbers)
4 result = sorted([(num, count[num]) for num in count if count[num] > 1])
5 for num, freq in result:
6     print(num, ":", freq, sep="")
```

	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 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 and the location 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 %)

```
1 string = input()
2 char = input()
3 count = string.count(char)
4 index = string.find(char)
5 print(count)
6 print(index)
```

	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

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 |  
2 | my_tuple1=()  
3 | print(my_tuple1)  
4 | my_tuple2 = (4, 5, 6)  
5 | print(my_tuple2)  
6 | my_tuple3 = (1, 'ECE', 'MCT', 'R&A', 3.4)  
7 | print(my_tuple3)  
8 | my_tuple4 = ( 'Python', [8, 4, 6], (1, 2, 3))  
9 | print(my_tuple4)
```

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

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

Question **4**

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. 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 |
2 | string = input()
3 | char = input()
4 | is_present = char in string
5 | print(is_present)

```

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

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 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 %)

```
1 |
2 | t1 = (1, 2, 3, 4, 5)
3 | t2 = (6, 7, 8, 9, 10)
4 | t3 = ("REC",)
5 | result = t1 + t2
6 | print(result)
7 | result = t3 * 10
8 | print(result)
```

	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.

◀ Week-08\_MCQ

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