Started on	Friday, 3 May 2024, 12:11 PM
State	Finished
Completed on	Friday, 3 May 2024, 1:17 PM
Time taken	1 hour 6 mins
Marks	5.00/5.00
Grade	**50.00** out of 50.00 (**100**%)
Name	HARINI V 2022-CSD-A

Question **1**

Correct

Mark 1.00 out of 1.00

A customer wants to buy a mobile phone in a online mart, the customer finds different prices from different seller, the item price is been stored in a nested tuples in the following order ((seller_name_name,item-name,item_cost)), consider the tuple has 5 seller, write a program to help the customer to view in the order of lowest price of item first and so on.

sample input:

seller_1

samsung

45000.00

seller_2

samsung

45500.00

seller_3

samsung

44700.00

seller_4

samsung

43900.00

seller_5

samsung

44100.00

sample output:

(("seller_4","samsung","43900.00"),("seller_5","samsung","44100.00"),("seller_3","samsung","44700.00"),
("seller_1","samsung","45000.00"),("seller_2","samsung","45500.00"))

Answer: (penalty regime: 0 %)

```
def sort_prices(prices):
    sorted_prices = sorted(prices, key=lambda
    return tuple(sorted_prices)
prices = [
    ("seller_1", "samsung", "45000.00"),
    ("seller_2", "samsung", "45500.00"),
    ("seller_3", "samsung", "44700.00"),
    ("seller_4", "samsung", "43900.00"),
    ("seller_5", "samsung", "44100.00")
]
sorted_prices = sort_prices(prices)
print(sorted_prices)
```

	Input	Expected	Got	
✔	seller_1 samsung 45000.00 seller_2 samsung 45500.00 seller_3 samsung 44700.00 seller_4 samsung 43900.00 seller_5 samsung 44100.00	(('seller_4', 'samsung', '43900.00'), ('seller_5', 'samsung', '44100.00'), ('seller_3', 'samsung', '44700.00'), ('seller_1', 'samsung', '45000.00'), ('seller_2', 'samsung', '45500.00'))	(('seller_4', 'samsung', '43900.00'), ('seller_5', 'samsung', '44100.00'), ('seller_3', 'samsung', '44700.00'), ('seller_1', 'samsung', '45000.00'), ('seller_2', 'samsung', '45500.00'))	✔

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 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 %)

```
s=input()
b=input()
if(b in s):
    print(True)
else:
    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.

Question **3**

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 %)

```
a=input()
b=input()
c=0
for i in a:
    if(b ==i):
        c=c+1
print(c)
i=a.find(b)
print(i)
```

	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 **4**

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 %)

```
n=int(input())
c='abcdefghijklmnopqrstuvwxyz'
for i in range(0,n):
    a=int(input())
    print("%s=%d"%(c[i],a))
```

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

Question **5**

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 %)

```
Tuple = ()
print( Tuple)
Tuple1 = (4, 5, 6)
print( Tuple1)
mixed_tuple = (1, 'ECE', 'MCT', 'R&A', 3.4)
print( mixed_tuple)
nested_tuple = ('Python', [8, 4, 6], (1, 2, 3))
print(nested_tuple)
```

	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! ✔

Correct

Marks for this submission: 1.00/1.00.

◄ Week-08_MCQ

Jump to...

Week-09_MCQ ►