Started on	Monday, 13 May 2024, 7:51 PM
State	Finished
Completed on	Monday, 13 May 2024, 9:32 PM
Time taken	1 hour 41 mins
Marks	5.00/5.00
Grade	**50.00** out of 50.00 (**100**%)
Name	AKSAYAA S V 2022-CSD-A

Question **1**

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 %)

```
def is_character_present(string, char):
    return char in string

if __name__ == "__main__":
    string = input()
    char = input()
    result = is_character_present(strin
    print(result)
```

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

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Question **2**

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 %)

```
# Define input data
t1_input = "1 2 3 4 5"
t2_input = "6 7 8 9 10"
t3_input = "REC"

# Convert input to a tuple of integers
t1 = tuple(map(int, t1_input.split()))
t2 = tuple(map(int, t2_input.split()))
t3 = (t3_input,)

# Concatenate t1 and t2
concatenated_tuple = t1 + t2
print(concatenated_tuple)

# Repeat t3 10 times
repeated_tuple = t3 * 10
print(repeated_tuple)
```

	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.

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 %)

```
total_cost = 0
while True:
    try:
        item_name = input().strip()
        if not item_name:
            break
        item_cost = int(input().strip(
        no_of_item = int(input().strip
        total_cost += item_cost * no_o
    except EOFError:
            break
print(total_cost)
```

	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

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 %)

```
empty_tuple = ()
print(empty_tuple)

int_tuple = (4, 5, 6)
print(int_tuple)

mixed_tuple = (1, 'ECE', 'MCT', 'R&A',
print(mixed_tuple)

nested_tuple = ('Python', [8, 4, 6], (
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.

Question **5**

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 %)

```
n=int(input())
inputs=[input() for i in range(n)]
s=input()

if s in inputs:
    print("True")
else:
    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.

◄ Week-08_MCQ

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