Started on	Sunday, 5 May 2024, 6:06 PM
State	Finished
Completed on	Sunday, 5 May 2024, 6:27 PM
Time taken	20 mins 23 secs
Marks	5.00/5.00
Grade	**50.00** out of 50.00 (**100**%)
Name	GOWRI NANDA M 2022-CSD-A

Question **1**

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 %)

```
n=int(input())
List=[]
for i in range(n):
    List.append(input())
R=input()
List.remove(R)
print(str(List).replace('[','(').replace(']',')'))

```

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

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 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())
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'
List=[]
for i in range(n):
    List.append(int(input()))
for i in range(len(List)):
    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	✔

	Input	Expected	Got	
✔	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 **3**

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 %)

```
size = int(input())
list = []
for i in range(size):
    list.append(input())
check_string = input()

if(check_string in list):
    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.

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 %)

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

Write a python program to find the the total and average of the students mark. print the total and average of each student as tuple.

Input: first line no.of student, next n * 4 line student marks(four lines for each tuple)

3

20

30

35

45

30

54

60

45

50

60

70

75

Output:

Total : (130,189,255)

Average : (32.50,47.25,63.75)

For example:

Input	Result
3 20 30 35 45 30 54 60 45 50 60 70 75	Total : (130, 189, 255) Average : (32.5, 47.25, 63.75)

Answer: (penalty regime: 0 %)

```
def calculate_marks(n, marks):
    total_marks = []
    average_marks = []

    for i in range(0, len(marks), 4):
        total = sum(marks[i:i+4])
        average = total / 4
        total_marks.append(total)
        average_marks.append(average)

    return total_marks, average_marks

```

```
def main():
    n = int(input())
    marks = []

    for _ in range(n):
        for _ in range(4):
            marks.append(int(input()))

    total, average = calculate_marks(n, marks)

```

	Input	Expected	Got	
✔	3 20 30 35 45 30 54 60 45 50 60 70 75	Total : (130, 189, 255) Average : (32.5, 47.25, 63.75)	Total : (130, 189, 255) Average : (32.5, 47.25, 63.75)	✔
✔	2 30 20 25 10 25 10 15 50	Total : (85, 100) Average : (21.25, 25.0)	Total : (85, 100) Average : (21.25, 25.0)	✔
✔	3 54 65 85 20 20 38 46 78 56 42 36 18	Total : (224, 182, 152) Average : (56.0, 45.5, 38.0)	Total : (224, 182, 152) Average : (56.0, 45.5, 38.0)	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

◄ Week-08_MCQ

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Week-09_MCQ ►