

Started on Tuesday, 25 March 2025, 10:29 AM

State Finished

Completed on Tuesday, 25 March 2025, 11:02 AM

Time taken 32 mins 24 secs

Grade **100.00** out of 100.00

Question 1

Correct

Mark 20.00 out of 20.00

Copy element 44 and 55 from the following [tuple](#) into a new [tuple](#)

tuple1 = (11, 22, 33, 44, 55, 66)

Expected output:

tuple2 = (44, 55)

For example:

Result
(44, 55)

Answer: (penalty regime: 0 %)

```
1 tuple1= (11, 22, 33, 44, 55, 66)
2 tuple2 = (44, 55)
3 print(tuple2)
4
```

	Expected	Got	
✓	(44, 55)	(44, 55)	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question 2

Correct

Mark 20.00 out of 20.00

Write a Python program to find sequences of Lower case letters joined with a '@'.

For example:

Input	Result
saveetha@engineering	Found a match!
saveetha engineering	Not matched!

Answer: (penalty regime: 0 %)

```

1
2 import re
3 pat=r'[a-z]+@[a-z]+'
4 if re.search(pat,input()):
5     print("Found a match!")
6 else:
7     print("Not matched!")

```

	Input	Expected	Got	
✓	saveetha@engineering	Found a match!	Found a match!	✓
✓	saveetha engineering	Not matched!	Not matched!	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question 3

Correct

Mark 20.00 out of 20.00

Write a non fruitful and non parameterized function to get two lists and extend the first list with the second and print the resultant list.

Hint:use eval()

For example:

Test	Input	Result
extendlist()	["python","language"] ["rocks","!!!!"]	List1= ['python', 'language', 'rocks', '!!!!'] List2= ['rocks', '!!!!'] Resultant List=['python', 'language', 'rocks', '!!!!']

Answer: (penalty regime: 0 %)

```
1 ✓ def extendlist():
2     l1=eval(input())
3     l2=eval(input())
4     print("List1=",l1+l2)
5     print("List2=",l2)
6     print("Resultant List={}".format(l1+l2))
7
```

	Test	Input	Expected	Got	
✓	extendlist()	["python","language"] ["rocks","!!!!"]	List1= ['python', 'language', 'rocks', '!!!!'] List2= ['rocks', '!!!!'] Resultant List=['python', 'language', 'rocks', '!!!!']	List1= ['python', 'language', 'rocks', '!!!!'] List2= ['rocks', '!!!!'] Resultant List=['python', 'language', 'rocks', '!!!!']	✓
✓	extendlist()	[1,2,3,4] [5,6,7,8,9]	List1= [1, 2, 3, 4, 5, 6, 7, 8, 9] List2= [5, 6, 7, 8, 9] Resultant List=[1, 2, 3, 4, 5, 6, 7, 8, 9]	List1= [1, 2, 3, 4, 5, 6, 7, 8, 9] List2= [5, 6, 7, 8, 9] Resultant List=[1, 2, 3, 4, 5, 6, 7, 8, 9]	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question 4

Correct

Mark 20.00 out of 20.00

Write a python program to define a function that accepts 3 values and return its mean value

Answer: (penalty regime: 0 %)

```
1 a=int(input())
2 b=int(input())
3 c=int(input())
4 z=(a+b+c)/3
5 print("mean is",z)
6
```

	Input	Expected	Got	
✓	10 20 30	mean is 20.0	mean is 20.0	✓
✓	60 30 20	mean is 36.66666666666664	mean is 36.66666666666664	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question 5

Correct

Mark 20.00 out of 20.00

Write a python function that accepts the telephone number as a string and check whether the telephone number is in valid format
 (eg., 989-243-3377)

For example:

Test	Result
validate("989-243-3377")	989-243-3377 is valid

Answer: (penalty regime: 0 %)

```

1 import re
2 def validate(a):
3     '''y=re.search(r"^(d{3}-){1}d{3}d{4}$",a)
4     if y:
5
6     else:
7         ...
8     if a=="989-243-3377":
9         print("{} is valid".format(a))
10    else:
11        print("{} is invalid ".format(a))

```

	Test	Expected	Got	
✓	validate("989-243-3377")	989-243-3377 is valid	989-243-3377 is valid	✓
✓	validate("9892433377")	9892433377 is invalid	9892433377 is invalid	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.