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

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**State** Finished

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

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**Time taken** 32 mins 24 secs

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**Grade** 100.00 out of 100.00

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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 36.666666666666664	mean is 36.666666666666664	✓

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+-7){1.2}$",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.