

<b>Started on</b>	Saturday, 6 April 2024, 1:52 PM
<b>State</b>	Finished
<b>Completed on</b>	Saturday, 6 April 2024, 2:07 PM
<b>Time taken</b>	14 mins 54 secs
<b>Grade</b>	<b>80.00</b> out of 100.00

Question **1**

Correct

Mark 20.00 out of 20.00

Write a python program to read and print the complex number

For example:

Input	Result
5 7	(5+7j)

Answer: (penalty regime: 0 %)

```

1 a=int(input())
2 b=int(input())
3 d=complex(a,b)
4 print(d)

```

	Input	Expected	Got	
✓	5 7	(5+7j)	(5+7j)	✓
✓	8 6	(8+6j)	(8+6j)	✓

Passed all tests! ✓



Marks for this submission: 20.00/20.00.

Question 2

Correct

Mark 20.00 out of 20.00

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

Hint:use eval()

For example:

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

Answer: (penalty regime: 0 %)

```

1 def extendlist():
2     L1=eval(input())
3     L2=eval(input())
4     print(f"List1= {L1}")
5     print(f"List2= {L2+L1}")
6     print(f"Resultant List={L2+L1}")

```

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

Passed all tests! ✓



Marks for this submission: 20.00/20.00.

Question **3**

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)
```

	Expected	Got	
✓	(44, 55)	(44, 55)	✓

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 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 import re
2 a=input()
3 pat='[a-z]+@[a-z]
4 if re.search(pat,a):
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! ✓



Marks for this submission: 20.00/20.00.

Question **5**

Not answered

Mark 0.00 out of 20.00

Write a python function Vowcount() that accepts a string and should count and display the occurrence of words starting with a vowel in the given string.

**For example:**

Test	Result
Vowcount("Education is one thing no one can take away from you")	Education is one one away No. of Words starts with vowels are 5

**Answer:** (penalty regime: 0 %)

1	
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