Started on	Tuesday, 29 October 2024, 2:57 PM
State	Finished
Completed on	Tuesday, 29 October 2024, 3:10 PM
Time taken	12 mins 51 secs
Grade	**80.00** out of 100.00

Question **1**

Correct

Mark 20.00 out of 20.00

Write a Python program to find sequences of Upper case letters joined with a underscore.

For example:

Input	Result
COMPU_TER	Found a match!

Answer: (penalty regime: 0 %)

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```
import re
s=input()
X=re.search(r'^[A-Z]+_',s)
if X:
    print("Found a match!")
else:
    print("Not matched!")
```

	Input	Expected	Got	
✔	COMPU_TER	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 **2**

Correct

Mark 20.00 out of 20.00

Write a python program to Add two complex numbers.

c1=12+3j

c2=4+5j

Answer: (penalty regime: 0 %)

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```
c1=12+3j
c2=4+5j
re=c1+c2
print(re)
```

	Expected	Got

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **3**

Correct

Mark 20.00 out of 20.00

Write a Python function that accepts the mail id and breaks the string based on "@" using an appropriate built in function.

For example:

Test	Result
splitstring("Rachel@gmail.com")	['Rachel', 'gmail.com']

Answer: (penalty regime: 0 %)

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```
def splitstring(a):
    print(a.split("@"))
```

	Test	Expected	Got	
✔	splitstring("Joey@gmail.com")	['Joey', 'gmail.com']	['Joey', 'gmail.com']	✔
✔	splitstring("Rachel@gmail.com")	['Rachel', 'gmail.com']	['Rachel', 'gmail.com']	✔
✔	splitstring("Chandler@gmail.com")	['Chandler', 'gmail.com']	['Chandler', 'gmail.com']	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **4**

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 %)

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```
def extendlist():
    l1=eval(input())
    l2=eval(input())
    print("List1=",l1)
    print("List2=",l2+l1)
    print("Resultant List={}".format(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! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **5**

Not answered

Mark 0.00 out of 20.00

Write a python program to join tuples if similar initial element.

For example:

Input	Result
((2, 5), (9, 4), (9, 0), (1, 4), (1, 5))	Initially the tuple is : ((2, 5), (9, 4), (9, 0), (1, 4), (1, 5)) Joined tuple : ((2, 5), (9, 4, 0), (1, 4, 5))

Answer: (penalty regime: 0 %)

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