
Started on	Thursday, 12 December 2024, 1:23 PM
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State	Finished
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Completed on	Thursday, 12 December 2024, 1:45 PM
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Time taken	21 mins 25 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

Write a python program to create a [list](#) with the size of the [list](#) and elements entered by the user.

Hint:Use eval()

For example:

Input	Result
5 [1,2] 56.759 23 (1,2,3) {1:10,2:20}	[[1, 2], 56.759, 23, (1, 2, 3), {1: 10, 2: 20}]

Answer: (penalty regime: 0 %)

```
1 size=int(input())
2 return_list=[]
3 for i in range(size):
4     a=eval(input())
5     return_list.append(a)
6 print(return_list)
```

	Input	Expected	Got	
✓	3 24 42 4.5	[24, 42, 4.5]	[24, 42, 4.5]	✓
✓	5 [1,2] 56.759 23 (1,2,3) {1:10,2:20}	[[1, 2], 56.759, 23, (1, 2, 3), {1:10, 2: 20}]	[[1, 2], 56.759, 23, (1, 2, 3), {1:10, 2: 20}]	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **2**

Correct

Mark 20.00 out
of 20.00

Swap the following two tuples.

`tuple1 = (11, 22)``tuple2 = (99, 88)`

Expected output:

`tuple1 = (99, 88)``tuple2 = (11, 22)`

For example:

Input	Result
(11, 22)	(99, 88)
(99, 88)	(11, 22)

Answer: (penalty regime: 0 %)

```
1 tuple1=eval(input())
2 tuple2=eval(input())
3 tuple1,tuple2=tuple2,tuple1
4 print(tuple1)
5 print(tuple2)
6
```

	Input	Expected	Got	
✓	(11, 22) (99, 88)	(99, 88) (11, 22)	(99, 88) (11, 22)	✓
✓	(6,4,9) (1,5,2)	(1, 5, 2) (6, 4, 9)	(1, 5, 2) (6, 4, 9)	✓

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 program to find the frequency of the given character in the string.

For example:

Input	Result
Happy p	Character p in the Happy is 2 times

Answer: (penalty regime: 0 %)

```
1 a=input()
2 b=input()
3 count=0
4 for i in a:
5     if i==b:
6         count+=1
7 print(f"Character {b} in the {a} is {count} times")
8
```

	Input	Expected	Got	
✓	Happy p	Character p in the Happy is 2 times	Character p in the Happy is 2 times	✓
✓	extreme e	Character e in the extreme is 3 times	Character e in the extreme is 3 times	✓

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 evaluate the following expression

 $a+b*c-a/b$ **For example:**

Input	Result
4 2 6	14.0

Answer: (penalty regime: 0 %)

```
1 a=int(input())
2 b=int(input())
3 c=int(input())
4 d=a+b*c-a/b
5 print(d)
```


	Input	Expected	Got	
✓	4 2 6	14.0	14.0	✓
✓	10 4 2	15.5	15.5	✓

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 program to find sequences of Lower case letters joined with a '#'.** **For example:**

Input	Result
saveetha engineering	Not matched!
py#thon	Found a match!

Answer: (penalty regime: 0 %)

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

	Input	Expected	Got	
✓	COMPU#TER	Not matched!	Not matched!	✓
✓	saveetha engineering	Not matched!	Not matched!	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.