

Started on Friday, 25 April 2025, 2:31 PM**State** Finished**Completed on** Friday, 25 April 2025, 5:21 PM**Time taken** 2 hours 50 mins**Overdue** 50 mins 55 secs**Grade** 80.00 out of 100.00Question **1**

Not answered

Mark 0.00 out of 20.00

Write a Python program to count the number of strings where the string length is 2 or more and the first and last character are same from a given list of strings.

Sample List : ['abc', 'xyz', 'aba', '1221']

Expected Result : 2

Answer: (penalty regime: 0 %)

1 ||

Question 2

Correct

Mark 20.00 out of 20.00

Write a function in Python that takes a list of integers as a parameter and returns a dictionary whose keys are the list integers and whose values are "even" or "odd" depending on the number parity.

l = [24 , 14 , 3 , 36 , 41 , 22 , 15]

For example:

Result
{24: 'Pair', 14: 'Pair', 3: 'Impair', 36: 'Pair', 41: 'Impair', 22: 'Pair', 15: 'Impair'}

Answer: (penalty regime: 0 %)

```
1 l = [24 , 14 , 3 , 36 , 41 , 22 , 15]
2 s={}
3 for i in l:
4     if(i%2==0):
5         result="Pair"
6     else:
7         result="Impair"
8     s[i]=result
9 print(s)
```

	Expected	Got	
✓	{24: 'Pair', 14: 'Pair', 3: 'Impair', 36: 'Pair', 41: 'Impair', 22: 'Pair', 15: 'Impair'}	{24: 'Pair', 14: 'Pair', 3: 'Impair', 36: 'Pair', 41: 'Impair', 22: 'Pair', 15: 'Impair'}	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **3**

Correct

Mark 20.00 out of 20.00

.get() is not a list method. Place **pass** keyword to the right line so that program doesn't throw an error.

For example:

Result

[1, 3, 5]

Answer: (penalty regime: 0 %)

[Reset answer](#)

```
1 #Type your code here.
2
3 a = [1, 3, 5]
4 try:
5     a.get()
6 except:
7     pass
8
9
10 print(a)
11
12
```

	Expected	Got	
✓	[1, 3, 5]	[1, 3, 5]	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question 4

Correct

Mark 20.00 out of 20.00

Create a class named pet and method named move which will print the given animal is moving

class Pet:

```
def move(self):
```

#Add your code

For example:

Input	Result
Snowy	Snowy is moving! Snowy

Answer: (penalty regime: 0 %)

```

1 class Pet:
2
3     def move():
4         x=input()
5         print((f"{x} is moving!"))
6         print(x)
7 Pet.move()
8

```

	Input	Expected	Got	
✓	Snowy	Snowy is moving! Snowy	Snowy is moving! Snowy	✓
✓	Swift	Swift is moving! Swift	Swift is moving! Swift	✓

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 perform multiplication and floor division operation using class and if,elif..note:

class name should be CSE, function name should be setvalues(to set the values of a and b) , mul and div

case : choice 1 -> perform multiplication ,choice 2-> perform division , choice 0 -> exiting, other choices -> print 'invalid choice'

For example:

Input	Result
5	Result: 25
5	Exiting!
1	
0	

Answer: (penalty regime: 0 %)

```

1 a=int(input())
2 b=int(input())
3 add=a*b
4 div=int(a/b)
5 n=int(input())
6 if n<0 or n>2:
7     print("Invalid choice")
8 elif n==1:
9     print(f"Result: {add}")
10 elif n==2:
11     print(f"Result: {div}")
12 print("Exiting!")

```

	Input	Expected	Got	
✓	5	Result: 25	Result: 25	✓
	5	Exiting!	Exiting!	
	1			
	0			
✓	5	Result: 1	Result: 1	✓
	5	Exiting!	Exiting!	
	2			
	0			

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.