

Started on Saturday, 16 March 2024, 8:52 AM

State Finished

Completed on Saturday, 16 March 2024, 9:46 AM

Time taken 54 mins 28 secs

Grade 80.00 out of 100.00

Question 1

Correct

Mark 20.00 out of 20.00

Write a python program to define a function to check the number 1781 is even or odd.

For example:

Input	Result
1781	1781 is Odd number

Answer: (penalty regime: 0 %)

```
1 a=int(input())
2 if a%2==1:
3     print(f"{a} is Odd number")
4 else:
5     print(f"{a} is not Odd number")
```

	Input	Expected	Got	
✓	1781	1781 is Odd number	1781 is Odd number	✓

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 print(tuple2)
4
5 print(tuple1)
```

	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 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 def Vowcount(a):
2     vowels="aeiouAEIOU"
3     words=a.split()
4     vowelsword=[word for word in words if word[0] in vowels]
5     k=len(vowelsword)
6
7     for word in vowelsword:
8         print(word)
9
10    print("No. of Words starts with vowels are",k)
11
12
13

```

	Test	Expected	Got	
✓	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	Education is one one away No. of Words starts with vowels are 5	✓
✓	Vowcount("The first step is always the hardest")	is always No. of Words starts with vowels are 2	is always No. of Words starts with vowels are 2	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question 4

Incorrect

Mark 0.00 out of 20.00

Write a python function that takes a [list](#) 'L' as an argument, adds 5 in all the odd values and 10 in all the even values of the [list](#) L. Also display the [list](#) L.

For example:

Test	Result
add([95,38,2,100,65,78])	[100, 48, 12, 110, 70, 88]

Answer: (penalty regime: 0 %)

```

1 def add (a):
2     k=[]
3     for i in [len(a)]:
4         if i%2==0:
5             i=i+10
6             k.append(i)
7         else:
8             i=i+5
9             k.append(i)
10    print(a)
11
12

```

	Test	Expected	Got	
✖	add([20,30,8,110,70,92,12])	[30, 40, 18, 120, 80, 102, 22]	[20, 30, 8, 110, 70, 92, 12]	✖
✖	add([95,38,2,100,65,78])	[100, 48, 12, 110, 70, 88]	[95, 38, 2, 100, 65, 78]	✖

Some hidden test cases failed, too.

Your code must pass all tests to earn any marks. Try again.

Show differences

Incorrect

Marks for this submission: 0.00/20.00.

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	Found a match!
saveetha engineering	Not matched!

Answer: (penalty regime: 0 %)

```

1 import re
2 s=input()
3 pat="[a-z]+@[a-z]"
4 k=re.search(pat,s)
5 if k:
6     print("Found a match!")
7 else:
8     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.