Quiz 3

Question 1

2 out of 2 points

Write the output of the following code fragment below:

myString = "Two Thousand Five Hour horse"
print(myString.count("ho"))

Output:

[theOutput]

Selected Answer: ✓ 2
Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
✓ Pattern Match	[ ]*2[ ]*	

The following Python code fragment

```
temp = "" # The empty string
for myString in "The Box" :
    temp = myString + myString + temp
print(temp)
```

will produce the following ouput

Selected Answer: ✓ xxooBB eehhTT

Answers:
```
xx
oo
BB

ee
hh
TT

The Box
The Box

TT
hh
ee

BB
oo
xx
```

✓ xxooBB eehhTT

```
The BoxThe Box
```

Question 3

What value causes the following logical expression to 'short-circuit'?

```
if temp >= 40 or temp <= 10
```

Selected Answer: ✅ 50

Answers: 15

10

5

✅ 50

more than one answer is correct

Consider the following table that shows the weight classification of each person based on his BMI.

BMI	Class
> = 30	Obese I
25-29.9	Obese 2
23-24.9	Pre-Obese
18.5-22.9	Normal
< 18.5	Underweight

Write a Python code fragment that does the following:

1. Get the BMI value from the user. Note that the BMI is of type **float**.
2. Determine the classification of the person.
3. Display the classification of the person.

Copy-paste the following fragment to your answer textbox and write your code where it says: "# Insert your code here"
Note: No need to write comments.

bmi = 0.0   # The float variable that will contain the BMI of a person, initially set to zero.
clas = ""   # The string variable that will contain the classification of the person, initially set to the empty string.

Insert your code here

Selected Answer: bmi = 0.0   # The float variable that will contain the BMI of a person, initially set to zero.
clas = ""   # The string variable that will contain the classification of the person, initially set to the empty string.

Insert your code here

```
bmi = float(input("Enter your BMI: "))
if bmi >= 30:
    clas = "Obese I"
elif bmi >= 25:
    clas = "Obese 2"
elif bmi >= 23:
    clas = "Pre-Obese"
elif bmi >= 18.5:
    clas = "Normal"
else:
    clas = "Underweight"
print("Your classification is", clas)
```

Question 5

Write the output of the following code fragment below:

```
myString = "KFUPM IS THE BEST"
i = 1
count = 0
while myString[i].isupper() :
      count = count + 1
      i = i + 1
print(count)
```

Output:

[theOutput]

Selected Answer: ✅ 4
Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
✅ Pattern Match	[ ]*4[ ]*	

Question 6

The following Python code fragment

```
for i in range(2,14,3) :
    print(i)
```

will produce the following ouput

Selected Answer:
2
5
8
✓ 11