

Review 6 Results for Sudipta Sarma

Score for this quiz: **70** out of 100

Submitted May 29 at 10:11am

This attempt took 8,690 minutes.

Question 1

0 / 10 pts

Your dataframe is **df**. Which is true:

- ☐ `df.apply()` applies a function to each entry in a dataframe.
- ☒ `df.applymap()` applies a function to each entry in a row or column.

You Answered

Correct Answer

- ☐ `df.apply()` applies a function to each entry in a row or column.
- ☐ `df.apply()` applies a function to specified entries in the dataframe.

Question 2

10 / 10 pts

You have:

```
colors = 'red', 'orange', 'yellow', 'green', 'blue', 'purple'
def CountVowels(text):
    vowel_count = 0
    for char in text.lower():
        if char in 'aeiou':
            vowel_count += 1
    return vowel_count
```

Which code snippet will return the colors as a list, sorted by the number of vowels in the color?

- ☐ `sorted(colors, lambda x:CountVowels)`

Correct!☐ `colors.sort(key=lambda x:x.vowel count())`☐ `sorted(colors, key=lambda x:x.CountVowels)`☒ `sorted(colors, key=CountVowels)`**Question 3****10 / 10 pts**Which is *NOT* true of ***lambda***:☐ A colon separates the input from the output.☐ It is inline functionality.☒ It is a builtin function.☐ It takes the place of function label.**Correct!****Question 4****10 / 10 pts**

The code:

```
print(''.join([str(x) for x in range(3)]))
```

will produce which answer?

☒ 0%1%2**Correct!**

☐ 1%2%3☐ %012☐ %123**Question 5****0 / 10 pts**

Which will crash?

☐ Neither.**You Answered**☒

```
def DoThis():  
    def Report():  
        print(amount)  
    amount = 3  
    Report()
```

Correct Answer☐

```
def DoThis():  
    def Report():  
        print(amount)  
    Report()  
    amount = 3
```

Question 6**10 / 10 pts**

In the loop construction:

```
for result in enumerate('hi'):  
    print(result)
```

which is *NOT* true?

Correct!

- ☒ the code will crash.
- ☐ the loop goes around twice.
- ☐ each `result[i]` is a `str`.
- ☐ each `result` has two values.

Question 7**0 / 10 pts**

Consider this code:

```
result = list(zip("abcd", range(4), (1,2,3)))
```

What is result?

You Answered

- ☒ `['a', 0, 1], ['b', 1, 2], ['c', 2, 3]]`
- ☐ `[[a', 0, 1], [b', 1, 2], [c', 2, 3], [d', 3, NaN]]`
- ☐ It will crash.
- ☐ `[(a', 0, 1), (b', 1, 2), (c', 2, 3)] , (d', 3, NaN)`

Correct Answer

- ☐ `[(a', 0, 1), (b', 1, 2), (c', 2, 3)]`

Question 8**10 / 10 pts**

What is the result:

```
[[count] for count in range(5) if count % 2]
```

☐ `[[0], [2], [4]]`

☐ `[0, 2, 4]`

☐ `[1, 3]`

Correct!

☒ `[[1], [3]]`

Question 9

10 / 10 pts

What is the result:

```
max(["18", "4", "3", "44"], key=lambda x:sum([int(n) for n in x]))
```

☐ 69

☐ "9"

☐ Error.

Correct!

☒ "18"

Question 10

10 / 10 pts

What is the result:

```
trees = ["cherry", "apple", "banana"]  
trees = trees.sort(key=lambda x:x[-1])  
print(trees)
```

Correct!



None



["apple", "banana", "cherry"]



["banana", "apple", "cherry"]



['a', 'e', 'y']

Quiz Score: **70** out of 100

