

Data Management and Mining MDA_610_001_CW_FALL2019

Examinations

Review Test Submission: Python_Quiz

Review Test Submission: Python_Quiz

User	Jennifer Mo Gonzalez
Course	Data Management and Mining
Test	Python_Quiz
Started	11/5/19 7:59 PM
Submitted	11/5/19 8:54 PM <small>LATE</small>
Due Date	11/5/19 8:50 PM
Status	Completed
Attempt Score	3 out of 15 points
Time Elapsed	54 minutes
Results Displayed	All Answers, Submitted Answers, Correct Answers

Question 1


0 out of 2 points

astrlist is a list of strings. Fill in the blank below to find the number of letters in the longest string in the list. Do not leave any space in your answer.

```
max([_____ for x in astrlist])
```

Selected Answer:  for i in range

Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
 <i>Exact Match</i>	len(x)	<i>Case Sensitive</i>

Question 2


0 out of 2 points

Refer to the function defined below.



```
def foo(x, y = 10, z = 100):
    if x < y:
        return y - x
    if x < z:
        return z - x
    return x - z
```

Fill in the blank below so that the function would return 30.

foo(20, z = ____)

Selected Answer:  func(z)

Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	50	
 Exact Match	-10	

Question 3

0 out of 1 points

How many times will the comparison expression "x % 5 == 0" be evaluated inside the following "while" loop?

```
x = 1
while x < 10:
    if x % 3 == 0:
        x += 1
        continue
    if x % 5 == 0:
        break
    print(x)
    x += 1
```

Selected Answer:  5

Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	4	

Question 4

2 out of 2 points

Refer to the function defined below.




```
def apply_to_list(f, somelist):  
    return [f(x) for x in somelist]
```

Fill in the blank below so that the function would return [8, 2, 10]. Do not leave any space in your answer.

```
apply_to_list(lambda x:____, [4, 1, 5])
```

Selected Answer:  x*2

Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	x*2	Case Sensitive
 Exact Match	2*x	Case Sensitive
 Exact Match	x+x	Case Sensitive

Question 5

0 out of 2 points

The following code snippet would print out



```
6 12
```

Fill in the blank below.

```
For x in range(____, 15, 3):  
    if x % 2:  
        continue  
    print(x, end = ' ')
```

Selected Answer:  continue

Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	3	Case Sensitive
 Exact Match	6	

Question 6

1 out of 2 points

The following code snippet would use a list

```
alist = [('Symbol', 'Company', 'Price'),  
        ('AXP', 'American Express Company', '86.40'),
```

```
( 'BA', 'The Boeing Company', '122.64'),
( 'CAT', 'Caterpillar Inc.', '99.44'),
( 'CSCO', 'Cisco Systems,Inc.', '23.78'),
( 'CVX', 'Chevron Corporation', '115.91')]
```

to generate a dictionary





```
adict = {'AXP': 'American Express Company',
'BA': 'The Boeing Company',
'CAT': 'Caterpillar Inc.',
'CSCO': 'Cisco Systems,Inc.',
'CVX': 'Chevron Corporation'}
```

Fill in the blank below. Write your answers in one line, separated by a comma. Do not leave any space in your answers.

```
adict = {}
for d in alist[_____]:
    adict[_____] = _____
```

Selected Answer:  d[0],d[2]

Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	1;d[0],d[1]	Case Sensitive
 Exact Match	1;d[0],d[1],	Case Sensitive
 Exact Match	1::d[0],d[1]	Case Sensitive
 Exact Match	1::d[0],d[1],	Case Sensitive

Question 7

0 out of 2 points

Refer to the input and output of a code cell.

In [23]: `guessing("Please input your guess:")`

```
Please input your guess:20
Too small.
Please input your guess:40
Too large.
Sorry, you have tried too many times!
```

Out[23]: False

In the code cell above, function guessing is called. Fill in the blanks below to complete the function definition. Write your answers in one line, separated by a comma. Do not leave any space in your answers.

```
def guessing(prompt, chance = _____):
```



```

num = 30
while chance > 0:
    guess = int(input(prompt))
    if guess > num:
        print("Too ____.")
    elif guess < num:
        print("Too ____.")
    else:
        print("Good job! You guessed my
number.")
        return True
    chance -= 1
print("Sorry, you have tried too many times!")
return False

```

Selected Answer:  append.

Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	2,large,small	Case Sensitive
 Exact Match	2,large,small,	Case Sensitive

Question 8




0 out of 2 points

some_list is a list of integers. Fill in the blank below so that the following list comprehension would generate a list of all even integers in some_list, but in reverse order. For instance, if some_list = [3, 8, 5, 10, 4], then the list comprehension should generate [4, 10, 8]. Do not leave any space in your answer.

[x for x in some_list[_____] if not x % 2]

Selected Answer:  range

Correct Answer:

Evaluation Method	Correct Answer	Case Sensitivity
 Exact Match	::-1	Case Sensitive
 Exact Match	-1::-1	Case Sensitive
 Exact Match	len(some_list)-1::-1	Case Sensitive

Tuesday, November 19, 2019 5:55:52 PM EST

