Quiz 04

Due Sep 25, 2019 at 10pm **Points** 10 **Questions** 5 **Time Limit** None

Instructions

Answer the following questions in your own words. Do NOT simply cut and paste the information from the slides or any other source. You will receive a score of 0 if you copy the prose from the source.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	44 minutes	10 out of 10

Score for this quiz: **10** out of 10
Submitted Sep 25, 2019 at 1:15am
This attempt took 44 minutes.

Question 1 — 2 / 2 pts

What is the value of **list(range(5, 15, 3))**?

Correct!

- (●) [5, 8, 11, 14]
- ( ) [5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 3]
- ( ) [5, 10, 15]
- ( ) [5, 6, 7, 8, 9, 10, 11, 12, 13, 14]

Question 2 — 2 / 2 pts

What values are printed by the following code?

```
for i in range(5):
    if i == 4:
        break
    elif i == 2:
        continue
     print(i)
print('done')
```

Correct!

- (●) 0, 1, 3, done
- ( ) 0, 1, 2, 3, 4, done
- ( ) 0, 1, 2, 3, 4, 5, done
- ( ) 1, 2, 3, done

Question 3

2 / 2 pts

What's wrong with this code segment? Please fix it to print

5
3
1
done

#####

buggy code

```
n = 5
while n != 0:
    print(n)
    i -= 2
print('done')
```

Your Answer:

```
n = 5

while n > 0:

   print(n)

   n -= 2

print('done')
```

```
n = 5
while n > 0:
    print(n)
    n -= 2
print('done')
```

Question 4

2 / 2 pts

What is the output from the following code segment?

```
for i in range(0,4,2):
   for j in range(2):
```

```
    print(i, j)
```

Your Answer:

0 0
0 1
2 0
2 1

Question 5

2 / 2 pts

Describe the characteristics of situations when generators are a good solution?

Your Answer:

With generators u can encapsulate patterns and it also acts like an iterator in which we can use loop and this iterator dont evaluate the value for each term it only evaluates when it is asked for which in turn saves memory. It is useful when the large data set is given

Quiz Score: **10** out of 10