Quiz 04

Due Feb 19 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**	461 minutes	10 out of 10

Score for this quiz: **10** out of 10
Submitted Feb 19 at 7:17pm
This attempt took 461 minutes.

Question 1   **2 / 2 pts**

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

- ○ [5, 10, 15]

Correct! ◉ [5, 8, 11, 14]

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

- ○ [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')
```

○ 0, 1, 2, 3, 4, 5, done

○ 1, 2, 3, done

○ 0, 1, 2, 3, 4, done

Correct!   ⦿ 0, 1, 3, done

Question 3   2 / 2 pts

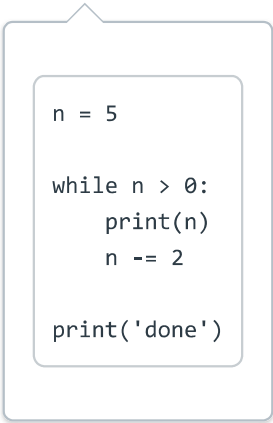What's wrong with this code segment? Please fix it to print

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)
```
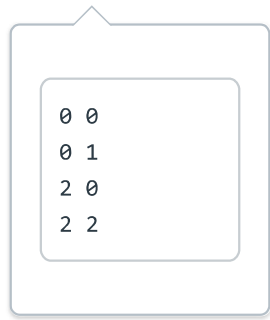
Your Answer:

0 0

0 1

2 0

2 1

```
0 0
0 1
2 0
2 2
```

Question 5   2 / 2 pts

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

Your Answer:

Anytime we need sequence we can use generators. Instead of making and storing big data lists in advance it'll be much more efficient to use generator. Generators are used for sudden events, they get active on request call and stay active until requested and then go to rest again.

Quiz Score: **10** out of 10