

QUIZ-4: Week-4 Material

Due May 7 at 2:05pm	Points 20	Questions 2	Available May 7 at 1:35pm - May 7 at 2:05pm 30 minutes	Time Limit 30 Minutes
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Instructions

This quiz consists of one large matching question AND one coding problem. Canvas cannot grade the latter, so whatever grade Canvas says you received is NOT the final grade. That grade will be determined after I manually grade your coding problem.

This quiz was locked May 7 at 2:05pm.

Attempt History

	Attempt	Time	Score
LATEST	<u>Attempt 1</u>	21 minutes	19 out of 20

Score for this quiz: 19 out of 20  
Submitted May 7 at 1:55pm  
This attempt took 21 minutes.

Question 1

12 / 13 pts

Match the terms and definitions/descriptions. You will not use all of the right-side choices, nor should any of those choices be used more than once.

Correct!

algorithm

a mechanical process for solving

Correct!

break

Python keyword used to exit a l

Correct!

number=0

example of initialization

Correct!

number=number+1

example of incrementing

Correct!

number=number-1

example of decrementing

Correct!

a loop that repeats forever

infinite loop

You Answered

return value of functions that do not specify a value with the return statement

void

Correct Answer

None

Correct!

incremental development

process of adding only a small ai

Correct!

code that appears after a return statement

example of dead code

Correct!

code helpful in building a program that is not part of finished program

scaffolding

Correct!

functions which return True or False

Boolean functions

Correct!

temporary variable

used to store an intermediate v

Correct!

iteration

another name for repetition

Other Incorrect Match Options:

- indefinite loop
- nil
- none
- void

Question 2

7 / 7 pts

Create a function **count\_by(num)** that outputs the first 50 numbers (starting with 0) when counting by **num**.

To answer this question, copy/paste your code (function definition and function call using 5 as the argument) along with your output as shown below.

```
count_by(5)
```

```
0
5
10
15
.
.
.
210
215
220
225
230
235
240
245
```

Your Answer:

```
def count_by(difference):
```

```
    sumis = 0
    counter = 0
    while (counter < 50):
        print(sumis)
        sumis = sumis + difference
        counter = counter+1
```

```
count_by(5)
```

More complex than necessary but correct!

Quiz Score: **19** out of 20