

Curso > Week 2... > 3. Simp... > Exercis...

## Audit Access Expires 5 de ago de 2020

You lose all access to this course, including your progress, on 5 de ago de 2020.

## **Exercise 1**

Finger Exercises due Aug 5, 2020 20:30 -03 Completo

## Exercise 1

14/14 points (graded)

## **ESTIMATED TIME TO COMPLETE: 10 minutes**

Below are some short Python programs. For each program, answer the associated questions.

Try to answer the questions without running the code. Check your answers, then run the code for the ones you get wrong.

```
1. iteration = 0
   count = 0
   while iteration < 5:
       # the variable 'letter' in the loop stands for every
       # character, including spaces and commas!
       for letter in "hello, world":
           count += 1
       print("Iteration " + str(iteration) + "; count is: " + str(count))
       iteration += 1
```

1. What is the value of the variable count that is printed out (at the print statement) on iteration 0?

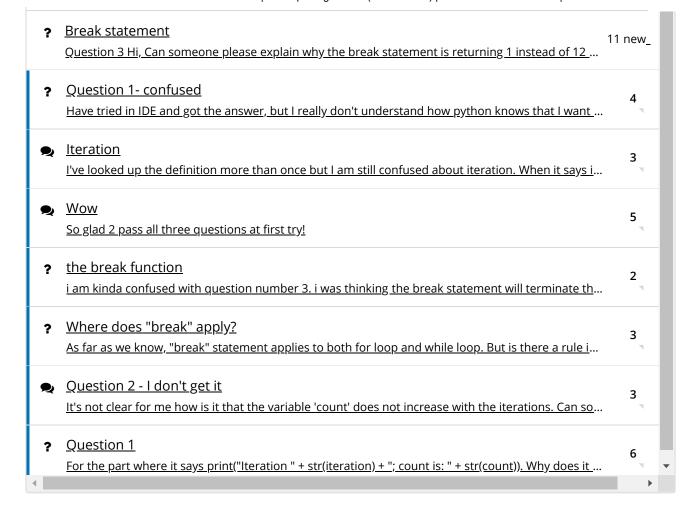
12

Answer: 12

	24
	Answer: 24
	What is the value of the variable count that is printed out (at the print statement) on iteration 2?
	<b>3</b> 6
	Answer: 36
	What is the value of the variable count that is printed out (at the print statement) on iteration 3?
	48
	48 <b>~ Answer:</b> 48
5.	
5.	Answer: 48  What is the value of the variable count that is printed out (at the print
5.	Answer: 48  What is the value of the variable count that is printed out (at the print statement) on iteration 4?
5. era ile	Answer: 48  What is the value of the variable count that is printed out (at the print statement) on iteration 4?  60  Answer: 60  tion = 0 iteration < 5: ount = 0
5. era ile c f	Answer: 48  What is the value of the variable count that is printed out (at the print statement) on iteration 4?  60  Answer: 60  tion = 0 iteration < 5:
eraile cr	Answer: 48  What is the value of the variable count that is printed out (at the print statement) on iteration 4?  60  Answer: 60  tion = 0 iteration < 5: ount = 0 or letter in "hello, world":     count += 1 rint("Iteration " + str(iteration) + "; count is: " + str(count))

2. What is the value of the variable count that is printed out (at the print statement) on iteration 1? 12 Answer: 12 3. What is the value of the variable count that is printed out (at the print statement) on iteration 2? 12 Answer: 12 4. What is the value of the variable count that is printed out (at the print statement) on iteration 3? 12 Answer: 12 5. What is the value of the variable count that is printed out (at the print statement) on iteration 4? 12 Answer: 12 iteration = 0while iteration < 5: count = 0for letter in "hello, world": count += 1 if iteration % 2 == 0: break print("Iteration " + str(iteration) + "; count is: " + str(count)) iteration += 1 1. How many times will the print statement be executed? Answer: 5

2. What is the largest value of the variable <code>iteration</code> that will be printed out (at the print statement)? ✓ Answer: 4 4 3. What is the largest value of the variable count that will be printed out (at the print statement)? 12 Answer: 12 4. What is the smallest value of the variable count that will be printed out (at the print statement)? Answer: 1 1 Enviar **1** Answers are displayed within the problem Exercise 1 Ocultar discussão Topic: Lecture 3 / Exercise 1 Show all posts por atividade recente > ? Question 2 2 Why is that in question 1 the count keeps on changing, while the count in question 2 remains the ... Feeling very stupid 17 It's getting very hard to me to read the code. When I think I am understanding something, then, I ... ? I don't get question 3 3 I could understand some of the code when I runned it, but I can't understand this part: for letter i... ? part 4 question 4 1 i dont get how smallest value of count is 1 ? Question 3 question 3 new\_ So I have a question. In question 3, when I run the code, why does the output count alternate bet...



© All Rights Reserved