Computer Science Quiz:

For Loops: Part 1.

1) What does this code print?

for i in range(5):

print(i)

A) 5 5 5 5 5

B) i i i i i

C) 1 2 3 4 5

D) 0 1 2 3 4

2) What does this code print?

for i in range(4, 8):

print(i)

A) 4 4 4 4

B) 8 8 8 8

C) 4 5 6 7

D) 4 5 6 7 8

3) For loops are also known as

A) Fruit loops

B) Counting loops

C) Repeaty bois

D) Ferrous Oxide Reserves

4) What does this code print?

for i in range(4, 10, 2):

print(i)

A) 4 4 4 4

B) 8 8 8 8

C) 4 6 8

D) 4 6 8 10

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4) What does this code print?

for i in range(100, 75, -5):

print(i)

A) 100 95 90 85 80

B) 100 95 90 85 80 75

C) 75 80 85 90 95

D) -100 -95 -90 -85 -80

5) Define a function named adder that takes two arguments and returns the sum of the arguments. (No loops should be used.)

6) Write a line of code that calls the function from the previous question and prints the returned value.

7) What does this code print?

total = 0

for i in range(4):

total = total + i

print(total)

A) 4

B) 5

C) 6

D) 7

8) Sketch your best estimate of what this program draws. Accuracy is not required. The units of the numbers for forward and right are given.

import turtle

pen = turtle.Turtle()

for i in range(5):

pen.forward(100) #pixels

pen.right(72) #degrees

turtle.done()

9) Fill in the blank to create a program that prints all the numbers from 0 to 99 including both 0 and 99

for i in range(\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_):

print(i)