This quiz was locked Sep 29 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	9 minutes	20 out of 20

⚠ Correct answers will be available on Oct 3 at 10am.

Score for this quiz: **20** out of 20
Submitted Sep 29 at 2:04pm
This attempt took 9 minutes.

Question 1   **1 / 1 pts**

consider the following code:
<pre>while i<10:
    print(i)</pre>
This will _____

○   print 0 infintely

○   raises error as i is not incremented

◉   raises error as i is not defined

○   raises error as i is not initialized

That's correct!

Question 2   **1 / 1 pts**

What is the output of the following for loop and range() function
for num in range(-15,-30,-1):
   print(num, end=" ")

○ -15 -19 -23 -27 -32

◉ -15 -19 -23 -27

○ -15 -11 -7 -3

○ -27 -23 -19 -15

That's correct!

Question 3   **1 / 1 pts**

What is the correct piece of code to print out the pattern of the steps?
**
****
******
****

○ for r in range (5): print (""row)

◉ for r in range (5): print ("*"r)

○ None

○ for w in range (4): print ("*"w)

That's correct!

Question 4   1 / 1 pts

What is the value of the a after the for loop completes its execution
a = 10
for i in range(10):
   for j in range(2, 10, 1):
     if a % 2 == 0:
       continue
       a+= 1
     else:
       a+=1
print(a)

- ⦿ 10

- ○ 20

- ○ 21

- ○ 11

That's correct!

Question 5   1 / 1 pts
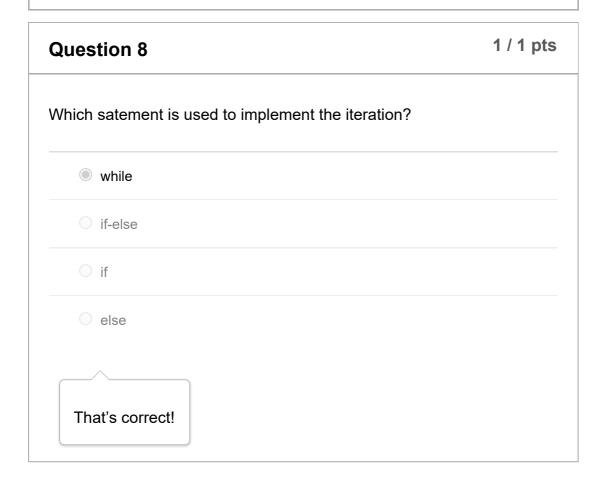
Range(121, 189, 2) does _____

- ⦿ prints values from 121, 188 incremented by 2 in each iteration

- ○ prints values from 121, 188 decremented by 2 in each iteration

- ○ prints values from 121, 189 incremented by 2 in each iteration

- ○ prints values from 121, 189 decremented by 2 in each iteration

That's correct!

Question 6

1 / 1 pts

Range in python returns a _____

- ○ integer

- ○ float

- ● sequence

- ○ string

That's correct!

Question 7

1 / 1 pts

What does break statement do?

- ● Stop

- ○ Continue

- ○ Repeat

- ○ skip

That's correct!

Question 8

1 / 1 pts

Which satement is used to implement the iteration?

🔘 while

⚪ if-else

⚪ if

⚪ else

That's correct!

Question 9

1 / 1 pts

Consider the code below:
```
<pre>n = int(input())
for i in range(0,n):
    for j in range(0,n):
        print('*')</pre>
```
what is the problem in it?

⚪
prints one star in one line can be overcome by using print_same_line
function

⚪ it prints less number of stars

○ prints one star in one line can be overcome by assigning end attribute to be space in the print function

○ it doesn't print any star

That's correct!

Question 10

1 / 1 pts

To execute a body of a loop except when an integer is divisible by 5, we should use _____ statement

○ continue

◉ either break or continue based on scenario

○ for

○ break

That's correct!

Question 11

1 / 1 pts

What is the value of variable sum after execution of the following code?

```
sum=1
for number in range (1, 10, 2):
    sum += number
```

◉ 26

○ 23

○ 19

○ 35

That's correct!

Question 12   **1 / 1 pts**

What is the output of the following nested loop?

for num in range(1, 4):
    for i in range(2, num):
        if num%i == 1:
            print(num)
            break

○ 1 4

○ 1 2 3 4

○ 1 2 3

◉ 3

That's correct!

Question 13   **1 / 1 pts**

Consider the block of code:
<pre>i=0
while i<5:
    n = int(input())

```
        if n%5==0:
            break;
        print('I was not broken')</pre>
```

This block prints 'I was not broken' each time after reading value of 'n'
as _____

○ loop is broken always

◉ Indentation of print statement is within while loop

○ infinite loop

○ loop is not broken

That's correct!

Question 14   1 / 1 pts

Consider the code below:
```
<pre>
for i in range(x,y):
    for j in range(0,i):
        print(i, end=' ')
    print()</pre>
```
to print the pattern from line 1 to line 4 in the output
1
2 2
3 3 3
4 4 4 4

○ 0,4

◉ 1, 5

○ 1, 4

○ either 1,5 or 0,5

> That's correct!

Question 15   1 / 1 pts

What is the result of executing the following code?

```
n = 10
while n <= 10:
   if n < 10:
      n = n + 1
   print(n)
```

◉ The program will loop indefinitely

○ The while loop will never get executed

○ The value of number will be printed exactly 1 time

○ The value of number will be printed exactly 10 times

> That's correct!

Question 16   1 / 1 pts

Else of for loop is _____

○ not defined

◉ when there is a normal exit of loop

○ executed when break is executed

○ error

That's correct!

Question 17   1 / 1 pts

Consider the for loop below, what should be values of x, y and z to print values from 30 to 3 in reverse order
```
<pre>for i in range(x,y,z):
    print(i)</pre>
```

○ 30, 3, 3

○ 30, 2, 3

◉ 30, 2, -3

○ 30, 3 -3

That's correct!

Question 18   1 / 1 pts

When the start value is larger than the end value in a for loop, if step is not mentioned then the body of the loop will execute _____

○ Infinite

○ end value

○ start value

⦿ zero

That's correct!

Question 19
1 / 1 pts

Which of the following is a loop in Pyhon

○ foreach

○ do-while

⦿ while

○ if

That's correct!

Question 20
1 / 1 pts

Which of the following pieces of code defines a list of all the numbers
from 5 to 10?

○ range(5,6,7,8,9,10)

⦿ range(5,10)

○ range(5,11)

○ range(5,9)

That's correct!

Quiz Score: **20** out of 20