

This quiz was locked Sep 22 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	19 minutes	19 out of 20

Score for this quiz: **19** out of 20
Submitted Sep 17 at 12:39am
This attempt took 19 minutes.

Correct!

Question 1

1 / 1 pts

When does the else statement written after loop execute?

☐ None of the above

☐ When break statement is executed in the loop

☒ When loop condition becomes false

☐ Else statement is always executed

Question 2

1 / 1 pts

The _____ construct allows to choose statements to be executed, depending upon the result of a condition.

☐ sequence

☐ flow

☐ repetition

Correct!☒ selection

That's correct!

Question 3**1 / 1 pts**

Consider the loop given below:

```
for i in range(7, 4, -2) :  
    break
```

What will be the final value of i after this loop ?

☐ 5☐ 4☒ 7☐ -2**Correct!**

That's correct!

Question 4**0 / 1 pts**

In Python, which of the following will create a block in a compound statement?

☐ {}☐ colon**Correct Answer**

You Answered

☐ statements indented at a lower, same level☒ indentation in any form

That's incorrect! Revisit the videos for this week.

Question 5**1 / 1 pts**

Which of the following statement(s) will terminate the whole loop and proceed to the statement following the loop?

☐ goto☐ pass☒ break☐ continue**Correct!**

That's correct!

Question 6**1 / 1 pts**

What does the following Python program display?

```
x = 3
if x == 8:
    print ("Am I here?", end = '')
elif x == 3:
    print("Or here?", end = "")
else:
    pass
print ("Or over here?")
```

Correct!

- ☐ Or here?
- ☒ Or here? Or over here?
- ☐ Am I here? Or here?
- ☐ Am I here?

That's correct!

Question 7**1 / 1 pts**

Which of the following statement(s) will terminate only the current pass of the loop and proceed with the next iteration of the loop?

- ☐ pass
- ☒ continue
- ☐ goto
- ☐ break

Correct!

That's correct!

Question 8**1 / 1 pts**

A loop becomes infinite loop if a condition never becomes ____.

- ☒ false
- ☐ Null

Correct!

☐ true☐ None

That's correct!

Question 9

1 / 1 pts

In a Python program, a control structure:

☐

dictates what happens before the program starts and after it terminates.

☐

defines program-specific data structures

☐

manages the input and output of control characters

☒

directs the order of execution of the statements in the program.

Correct!

That's correct!

Question 10

1 / 1 pts

Which of the following statements will make a selection construct?

☐

while

☐

for

☒

if

☐

if-else

Correct!

That's correct!

Question 11

1 / 1 pts

Which one of the following is a valid Python if statement:

☐ if (a == 22)

☐ if a >= 22

☒ if a>=2 :

☐ if (a >= 2)

Correct!

That's correct!

Question 12

1 / 1 pts

Which of the following statements will make a repetition construct?

☐ if

☐ for

☒ while

☐ if-else

Correct!

That's correct!

Question 13

1 / 1 pts

When the following code runs, how many times is the line executed? "x = x * 2"

```
x = 1
while (x < 20) :
    x = x * 2
```

☐ 19

☐ 2

☒ 5

☐ 4

Correct!

That's correct!

Question 14

1 / 1 pts

What is the output produced when this code executes?

```
for i in range(4,8):
    if i % 2 == 0:
        a = a + i
    print(a)
```

☐ 8

☐ 4

Correct!☒ 10☐ 18

That's correct!

Question 15**1 / 1 pts**

An empty/null statement in Python is _____.

☐ go☐ over☒ pass☐ none**Correct!**

That's correct!

Question 16**1 / 1 pts**

What will be the output of given Python code?

```
str1="hello"  
c=0  
for x in str1:  
    if(x!="l"):  
        c=c+1  
    else:  
        pass  
print(c)
```

☐ 0

Correct!☐ 4☐ 2☒ 3

That's correct!

Question 17**1 / 1 pts**

What signifies the end of a statement block or suite in Python?

Correct!☒ A line that is indented less than the previous line☐ end☐ A comment☐ }

That's correct!

Question 18**1 / 1 pts**

Consider the loop given below:

```
for i in range(10, 5, -3) :  
    print(i)
```

How many times will this loop run?

☐ 1

Correct!☒ 2☐ Infinite☐ 3

That's correct!

Question 19**1 / 1 pts**

Which of the following is True regarding loops in Python?

☐ Loops should be ended with keyword "end".☐ Keyword "continue" is used to continue with the remaining statements inside the loop.☐ No loop can be used to iterate through the elements of strings.☒ Keyword "break" can be used to bring control out of the current loop.**Correct!****Question 20****1 / 1 pts**

The order of statement execution in the form. of top to bottom, is known _____ as construct.

☐ selection☐ flow☐ repetition

Correct!

☒ sequence

That's correct.

Quiz Score: **19** out of 20