

[Dashboard](#) / [My courses](#) / [ln20-S1-CS1033 \(113946\)](#) / [Week 5 \[31/08/2021\]](#) / [Quiz 3](#)

Started on Friday, 3 September 2021, 12:00 PM

State Finished

Completed on Friday, 3 September 2021, 12:05 PM

Time taken 4 mins 55 secs

Grade 10.00 out of 10.00 (100%)

Question **1**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code?

```
sum = 0
while sum < 10:
    sum = sum + 2
else:
    sum *= 3.6
print(int(sum))
```

Answer: ✓

The correct answer is: 36

Question **2**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code?

```
count = 1
sum = 0
for count in range(0,10,2):
    sum = sum + 1
else:
    sum = sum + 10

sum = sum + 20
print (sum)
```

Answer: ✓

The correct answer is: 35

Question **3**

Correct

Mark 1.00 out of 1.00

Which keyword could be used to terminate a loop when a certain condition is met inside the loop body?

- ☒ a. break
- ☐ b. continue
- ☐ c. raise
- ☐ d. pass



Your answer is correct.

The correct answer is:
break

Question **4**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code segment?

```
x = 0
for n in range(-10,100,20):
    for m in range(4):
        x += n*m
print (x)
```

Answer: 1440



The correct answer is: 1440

Question **5**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code segment?

```
count = 1
sum = 0
for count in range(10):
    sum += count
else:
    sum += 10
sum += 10
print (sum)
```

Answer: 65



The correct answer is: 65

Question **6**

Correct

Mark 1.00 out of 1.00

Which would be the python code that will print 10 rows with five '*' in each row?

- ☐ a. for i range(1,5):
 print("*" * 10)
- ☐ b. for i in range(1,10):
 print("*" * 5)
- ☒ c. for i in range(0,10):
 print("*" * 5)
- ☐ d. for i in range(0,5):
 print("*" * 10)



Your answer is correct.

The correct answer is:

for i in range(0,10):

 print("*" * 5)

Question **7**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code segment?

```
x=0
for n in range(-100,1000,200):
    for m in range(4):
        x += m
print (x)
```

Answer: 36



The correct answer is: 36

Question **8**

Correct

Mark 1.00 out of 1.00

What will be the output of the following Python code segment?

```
p = -5
q = 0
while p < 4:
    p += 1
    if p == 0: continue
    q += 12 / p
print(int(q))
```

Answer: 0



The correct answer is: 0

Question **9**

Correct

Mark 1.00 out of 1.00

What does the range() function return?

- ☐ a. A string object.
- ☐ b. A integer object.
- ☐ c. A list object which contains numbers.
- ☒ d. A range object.



Your answer is correct.

The correct answer is:
A range object.

Question **10**

Correct

Mark 1.00 out of 1.00

Which of the following are correct statements about the "for" loop in Python?

Select all that apply.

- ☒ a. "else" clause of a for loop is executed when the loop terminates naturally. ✓
- ☐ b. "else" clause of a for loop is executed when the loop terminates abruptly.
- ☐ c. We **always** use for loops when we want to perform a task indefinitely until a particular condition is met.
- ☒ d. Python's for loop can be used to iterate over the elements in lists, tuples, dictionaries, sets, or strings. ✓

Your answer is correct.

The correct answers are:

Python's for loop can be used to iterate over the elements in lists, tuples, dictionaries, sets, or strings.,

"else" clause of a for loop is executed when the loop terminates naturally.

[◀ Lecture 4 Slides and Recordings](#)

Jump to...

[Forum on this week's lecture and quiz ▶](#)