



<u>Course</u> > <u>Chapter Four: Functions</u> > <u>Review: Chapter 4</u> > Quiz: Chapter 4

Quiz: Chapter 4

Question 1

1/1 point (graded)

Which Python keyword indicates the start of a function definition?

O continue	
○ rad	
o return	
● def ✔	

Question 2

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-	thon, how do you indicate the end of the block of code that makes up the tion?
0	You put the colon character (:) in the first column of a line
0	You add a line that has at least 10 dashes
0	You put the "END" keyword in column 7 of the line which is to be the last line of the function
•	You de-indent a line of code to the same indent level as the def keyword
	estion 3
	oint (graded) vthon what is the input() feature best described as?
0	A reserved word
0	A data structure that can hold multiple values using strings as keys
0	A user-defined function
•	A built-in function ✓
Sı	ubmit
Que	estion 4

"What does the following code print out?

```
def thing():
    print('Hello')
print('There')"
```

Hello

There

thingHello

There

Hello

There

Answer

Correct: Since the **thing()** function is not called - the **print('Hello')** never runs.

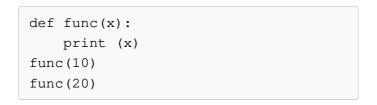
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Question 5

In the following Python code, which of the following is an "argument" to a function?
x = 'banana'
$y = \max(x)$
z = y * 2
o max
O 'banana'
Оу
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Question 6

What will the following Python code print out?





```
x10x20
```

```
○ x
20
```

```
● 1020
```

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Question 7

Which line of the following Python program will never execute?

```
def stuff():
    print('Hello')
    return
    print('World')
stuff()
```

o def stuff():		
o stuff()		
o print('Hello')		
o return		
● print ('World')		

Answer

Correct:

The **print ('World')** will never execute because it is after the **return** statement.

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Question 8

What will the following Python program print out?

```
def greet(lang):
    if lang == 'es':
        return 'Hola'
    elif lang == 'fr':
        return 'Bonjour'
    else:
        return 'Hello'
print(greet('fr'),'Michael')
```

Bonjour Michael

- O def Hola Bonjour Hello Michael
- O Hola Michael
- HolaBonjourHelloMichael

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Question 9

What does the following Python code print out? (Note that this is a bit of a trick question and the code has what many would consider to be a flaw/bug - so read carefully).

```
def addtwo(a, b):
   added = a + b
   return a
x = addtwo(2, 7)
print(x)
```

○ 14

- 7
- O addtwo



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Question 10

What is the most important benefit of writing your own functions?

- O Following the rule that whenever a program is more than 10 lines you must use a function
- O Following the rule that no function can have more than 10 statements in it
- O To avoid having more than 10 lines of sequential code without an indent or de-indent
- Avoiding writing the same non-trivial code more than once in your program

Answer

Correct:

Deciding to write a function for your own use is something that you see when your programs reach a certain level of complexity. There are no rules.

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