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Quiz: Chapter 4

Question 1

1/1 point (graded)

Which Python keyword indicates the start of a function definition?

☐ continue

☐ rad

☐ return

☒ def ✓

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Question 2

1/1 point (graded)

In Python, how do you indicate the end of the block of code that makes up the function?

- ☐ You put the colon character (:) in the first column of a line
- ☐ You add a line that has at least 10 dashes
- ☐ 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 ✓

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Question 3

1/1 point (graded)

In Python what is the **input()** feature best described as?

- ☐ A reserved word
- ☐ A data structure that can hold multiple values using strings as keys
- ☐ A user-defined function
- ☒ A built-in function ✓

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Question 4

1/1 point (graded)

"What does the following code print out?"

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

☐ Hello
There

☐ thing
Hello
There

☐ Hello

☒ There ✓

Answer

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

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Question 5

1/1 point (graded)

In the following Python code, which of the following is an "argument" to a function?

```
x = 'banana'  
y = max(x)  
z = y * 2
```

☒ x ✓

☐ max

☐ 'banana'

☐ y

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Question 6

1/1 point (graded)

What will the following Python code print out?

```
def func(x):  
    print (x)  
func(10)  
func(20)
```

☐ func
func

☐ x
10
x
20

☐ x
20

☒ 10
20 ✓

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Question 7

1/1 point (graded)

Which line of the following Python program will never execute?

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

☐ def stuff():

☐ stuff()

☐ print('Hello')

☐ return

☒ print('World') ✓

Answer

Correct:

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

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Question 8

1/1 point (graded)

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 ✓

☐ def
Hola
Bonjour
Hello
Michael

☐ Hola Michael

☐ Hola
Bonjour
Hello
Michael

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Question 9

1/1 point (graded)

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

☐ addtwo

☒ 2 ✓

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Question 10

1/1 point (graded)

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

- ☐ Following the rule that whenever a program is more than 10 lines you must use a function
- ☐ Following the rule that no function can have more than 10 statements in it
- ☐ 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.

Submit