Chapter 4

Quiz, 10 questions

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1
point

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1.

Which Python keyword indicates the start of a function definition?

○ sweet

○ help

○ break

○ def

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2.

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 de-indent a line of code to the same indent level as the **def** keyword

○ You add the matching curly brace that was used to start the function }

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3.

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

○ A user-defined function

○ The central processing unit

○ A reserved word

○ A built-in function

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4.

What does the following code print out?

```
1   def thing():
2       print('Hello')
3
4   print('There')
```

○ There

○ thing

   Hello

   There

○ Hello

○ def

   thing

1
point

5.

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

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

○ x

○ max

○ 'banana'

○ y

1
point

6.

What will the following Python code print out?

```
1   def func(x) :
2       print(x)
3
4   func(10)
5   func(20)
```

○ 10

   20

○ x

10

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x

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20

○ func

func

○ x

20

| 1 |
| point |

7.

Which line of the following Python program will never execute?

```
1  def stuff():
2      print('Hello')
3      return
4      print('World')
5
6  stuff()
```

○ print ('World')

○ def stuff():

○ return

○ stuff()

○ print('Hello')

| 1 |
| point |

8.

What will the following Python program print out?

```
1  def greet(lang):
2      if lang == 'es':
3          return 'Hola'
4      elif lang == 'fr':
5          return 'Bonjour'
6      else:
7          return 'Hello'
8
9  print(greet('fr'),'Michael')
```

○ Bonjour Michael

○ def Michael

○ Hello Michael

○ Hola

Bonjour

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Hello

Quiz, 10 questions

> 1
> point

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).

```
1  def addtwo(a, b):
2      added = a + b
3      return a
4
5  x = addtwo(2, 7)
6  print(x)
```

- ○ 9

- ○ 2

- ○ 14

- ○ 7

> 1
> point

10.

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

- ○ Following the rule that no function can have more than 10 statements in it

- ○ Following the rule that whenever a program is more than 10 lines you must use a function

- ○ Avoiding writing the same non-trivial code more than once in your program

- ○ To avoid having more than 10 lines of sequential code without an indent or de-indent

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