

Chapter 4

Total points 10

Question 1

Which Python keyword indicates the start of a function definition?

1 / 1 point

break

sweet

def

help

Question 2

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

1 / 1 point

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

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 put the colon character (:) in the first column of a line

Question 3

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

1 / 1 point

The central processing unit

A user-defined function

A reserved word

A built-in function

Question 4

What does the following code print out?

1 / 1 point

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

There

thing

Hello

There

Hello

Hello

There

Question 5

1 / 1 point

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

Question 6

What will the following Python code print out?

1 / 1 point

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

10

20

x

20

x

x

def

x

func

func

Question 7

Which line of the following Python program will never execute?

1 / 1 point

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

```
5  
6  stuff()
```

return

stuff()

print('Hello')

def stuff():

print ('World')

Question 8

What will the following Python program print out?

1 / 1 point

```
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

Hello

Question 9

1 / 1 point

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)
```

addtwo

14

2

7

Question 10

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

1 / 1 point

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

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

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