**Chapter 4**

**TOTAL POINTS 10**

1.Question 1

Which Python keyword indicates the start of a function definition?

1 point



continue



def



return



rad

2.Question 2

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

1 point



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 }



You put a # character at the end of the last line of the function



You put the "END" keyword in column 7 of the line which is to be the last line of the function

3.Question 3

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

1 point



A data structure that can hold multiple values using strings as keys



A built-in function



A user-defined function



A reserved word

4.Question 4

What does the following code print out?

def thing():

print('Hello')

print('There')



There



thing



def

thing



thing

Hello

There

5.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



x



max



'banana'



y

6.Question 6

What will the following Python code print out?

def func(x) :

print(x)

func(10)

func(20)



func

func



10

20



x

10

x

20



x

20

7.Question 7

Which line of the following Python program will never execute?

def stuff():

print('Hello')

return

print('World')

stuff()



print ('World')



stuff()



return



print('Hello')



def stuff():

8.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



Hola Michael



Hello Michael



def

Hola

Bonjour

Hello

Michael

9.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)



addtwo



2



7



14

10.Question 10

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

1 point



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



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