

## Chapter 4

TOTAL POINTS 10

### 1.Question 1

Which Python keyword indicates the start of a function definition?

- ☐ sweet
- ☒ def
- ☐ help
- ☐ break

1 point

### 2.Question 2

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

- ☐ You put a # character at the end of the last line of the function
- ☒ You de-indent a line of code to the same indent level as the **def** keyword
- ☐ You put the "END" keyword in column 7 of the line which is to be the last line of the function
- ☐ You add the matching curly brace that was used to start the function }

1 point

### 3.Question 3

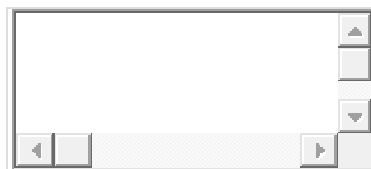
In Python what is the input() feature best described as?

- ☐ The central processing unit
- ☐ A user-defined function
- ☒ A built-in function
- ☐ A reserved word

1 point

### 4.Question 4

What does the following code print out?



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

- ☐ Hello  
There
- ☒ There
- ☐ Hello
- ☐ thing

Hello

There

1 point

### 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

1 point

### 6.Question 6

What will the following Python code print out?



☐

x

20

☐

x

10

x

20

☒

10

20

☐

def

x

func

func

1 point

### 7.Question 7

Which line of the following Python program will never execute?



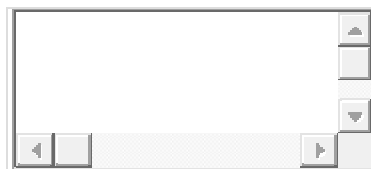
```
def stuff():  
    print('Hello')  
    return  
    print('World')  
stuff()
```

- ☐ print('Hello')
- ☐ def stuff():
- ☐ stuff()
- ☒ print ('World')
- ☐ return

1 point

### 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

1 point

### 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)
```

- ☒ 2
- ☐ Traceback
- ☐ 14
- ☐ 7

1 point

### 10.Question 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
- ☐ 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

1 point