

1. Which Python keyword indicates the start of a function definition?

1 point

- ☐ help
- ☐ sweet
- ☐ break
- ☒ def

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

1 point

- ☐ You add the matching curly brace that was used to start the function }
- ☐ You put the "END" keyword in column 7 of the line which is to be the last line of 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

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

1 point

- ☒ A built-in function
- ☐ The central processing unit
- ☐ A user-defined function
- ☐ A conditional statement

4. What does the following code print out?

1 point

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

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

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

1 point

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

- ☒ x
- ☐ max
- ☐ 'banana'
- ☐ y

6. What will the following Python code print out?

1 point

```
5 func(20)
```

- ☐ func
- ☐ func
- ☐ x
- ☐ 10
- ☐ x
- ☐ 20
- ☒ 10
- ☐ 20
- ☐ x
- ☐ 20

7. Which line of the following Python program will never execute?

1 point

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

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

8. What will the following Python program print out?

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

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 point

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

☐ 7

☐ Traceback

☒ 2

☐ 14

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

1 point

☐ 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

☒ 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