

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