

Question

1

Which Python keyword indicates the start of a function definition?

help

rad

break

def

Answer: def

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 add a line that has at least 10 dashes

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

Answer: You de-indent a line of code to the same indent level as the def keyword

Question 3

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

A conditional statement

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

A built-in function

A reserved word

Answer: A built-in function

What does the following code print out?

```
def thing():
```

```
    print 'Hello'
```

```
print 'There'
```

```
thing
```

```
Hello
```

```
There
```

There

Hello
def
thing

Answer: There

Question 5

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

```
x = 'banana'  
y = max(x)  
print y  
print x  
y  
x  
print  
max
```

Answer: x

What will the following Python code print out?

```
def func(x) :  
    print x
```

```
func(10)
```

```
func(20)
```

```
10
```

```
20
```

```
x
```

```
10
```

```
x
```

```
20
```

```
x
```

```
x
func
func
```

Answer: 10 20

Question 7

Which line of the following Python program is useless?

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

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

Answer: print "World"

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
Hello Michael
def Michael
```

Hola
Bonjour
Hello
Michael

Answer: Bonjour Michael

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  
9  
Traceback
```

Answer: 2

Question 10

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

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

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

Answer: Avoiding writing the same non-trivial code more than once in your program

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

1 / 1 point

✓ Correct

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

1 / 1 point

✓ Correct

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

1 / 1 point

✓ Correct

4. What does the following code print out?

1 / 1 point

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

✓ Correct

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

1 / 1 point

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

✓ Correct

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)
```

✓ Correct

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()
```

✓ Correct

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')
```

✓ Correct

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 / 1 point

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

✓ Correct

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

1 / 1 point

✓ Correct