



Chapter 5



10/10 questions correct

Quiz passed!

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1.

What is wrong with this Python loop:

```
n = 5
while n > 0 :
    print n
print 'All done'
```



2.

What does the **break** statement do?



3.

What does the **continue** statement do?



4.

What does the following Python program print out?

```
tot = 0
for i in [5, 4, 3, 2, 1] :
    tot = tot + 1
print tot
```



5.

What is the *iteration* variable in the following Python code:

```
friends = ['Joseph', 'Glenn', 'Sally']
for friend in friends :
    print 'Happy New Year:', friend
print 'Done!'
```



6.

What is a good description of the following bit of Python code?

```
zork = 0
for thing in [9, 41, 12, 3, 74, 15] :
    zork = zork + thing
print 'After', zork
```



7.

What will the following code print out?

```
smallest_so_far = -1
for the_num in [9, 41, 12, 3, 74, 15] :
    if the_num < smallest_so_far :
        smallest_so_far = the_num
print smallest_so_far
```

Hint: This is a trick question and most would say this code has a bug
- so read carefully



8.

What is a good statement to describe the **is** operator as used in the following if statement:

```
if smallest is None :  
    smallest = value
```



9.

Which reserved word indicates the start of an "indefinite" loop in Python?



10.

How many times will the body of the following loop be executed?

```
n = 0  
while n > 0 :  
    print 'Lather'  
    print 'Rinse'  
print 'Dry off!'
```

