Chapter 5

LATEST SUBMISSION GRADE

100%

1. What is wrong with this Python loop:

   `1 / 1 point`

   ```
   1  n = 5
   2  while n > 0 :
   3      print(n)
   4  print('All done')
   ```

   ✓ Correct

2. What does the **break** statement do?

   `1 / 1 point`

   ✓ Correct

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

   ✓ Correct

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

   `1 / 1 point`

   ```
   1  friends = ['Joseph', 'Glenn', 'Sally']
   2  for friend in friends :
   3      print('Happy New Year:',  friend)
   4  print('Done!')
   ```

   ✓ Correct

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

   `1 / 1 point`

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

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

   ✓ Correct

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

   `1 / 1 point`

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

   ✓ Correct

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

   `1 / 1 point`

   ✓ Correct

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

    `1 / 1 point`

    ```
    1  n = 0
    2  while n > 0 :
    3      print('Lather')
    4      print('Rinse')
    5  print('Dry off!')
    ```

    ✓ Correct