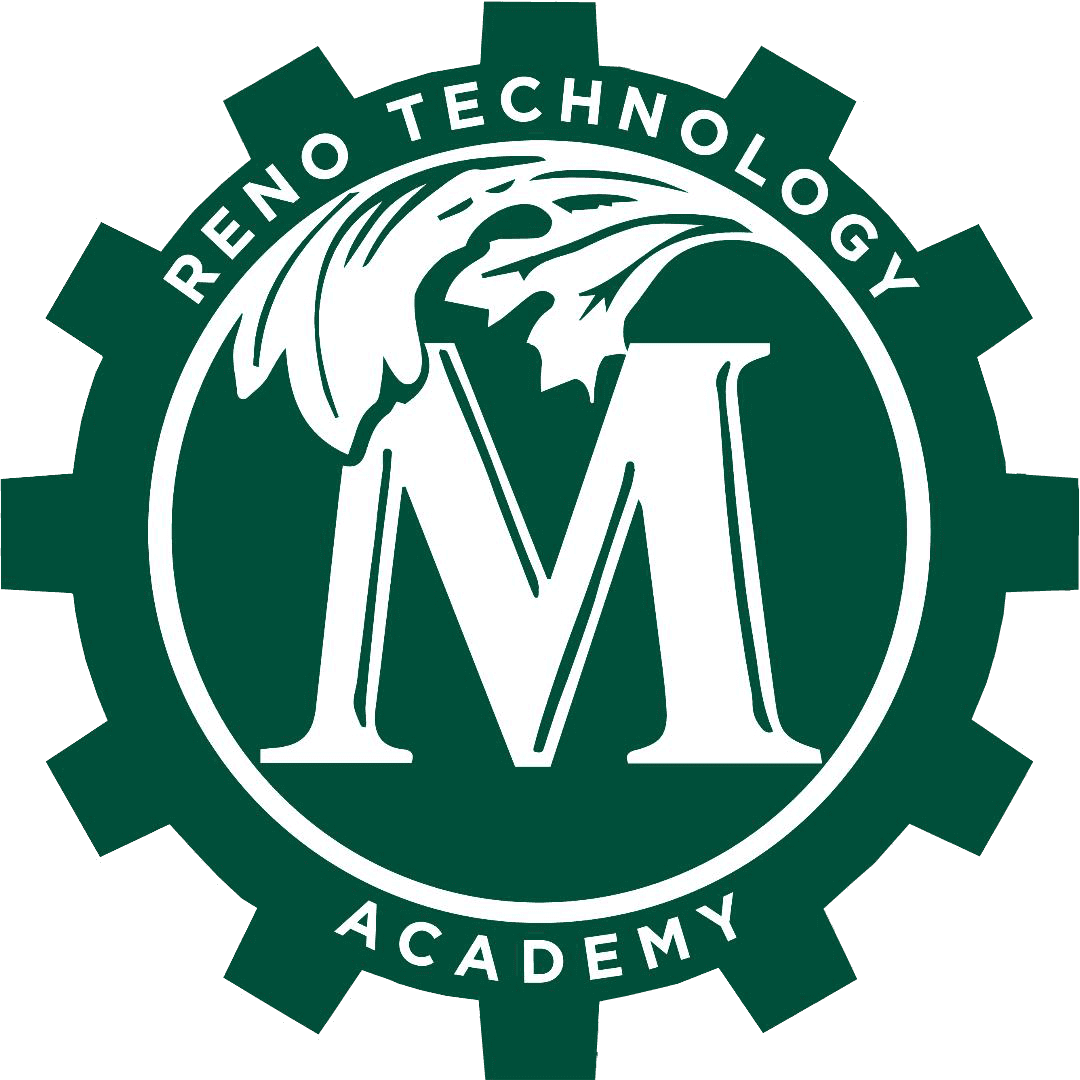
**Reno Technology Academy**

Multnomah University Reno/Tahoe  
CIS104: Coding in Python

# Lesson 6

# Readings:

*Learning Python*

Chapter 10: Introducing Python Statements

A Quick Example: Interactive Loops pp. 340-347

Chapter Summary – End of chapter pp. 347-348

Chapter 13: while and for Loops

for Loops pp. 409-417

Loop Coding Techniques – End of chapter pp. 417-429

Chapter 22: Modules: The Big Picture pp.691-708

Chapter 23: Module Coding Basics pp.711-728

# Lab/Homework (10 points)

Upload the answers to Populi in a text file. I just need number and answer. E.g. 1. c.

1. Which of these is an integer?
   1. 2
   2. 609.343
   3. “Hello”
   4. 3.45
2. Which of these is a floating point number?
   1. “World”
   2. 3
   3. 67.23
   4. 6
3. What will be the result of type**({**'o'**:**3**})**?
   1. **<class** 'float'**>**
   2. **<class** 'int'**>**
   3. **<class** 'dict'**>**
   4. **<class** 'tuple'**>**
4. Which of these will output 15?
   1. **(**50 **+** 10**)** **\*** 5 **/** 20
   2. 50 **+** **(**10 **\*** 5**)** **/** 20
   3. 50 **+** 10 **\*** 5 **/** 20
   4. 50 **+** 10 **\*** **(**5 **/** 20**)**
5. What is the result of 1**/**4?
   1. .25
   2. 1/4
   3. 4
   4. 1
6. What is the result of 5**//**3?
   1. 1.6666666666666667
   2. 5
   3. 3
   4. 1
7. What is the result of len**(**“Hello World**!**”**)**?
   1. 10
   2. 11
   3. 12
   4. 13
8. What is the result of 'Hello World'**[**8**:**9**]**?
   1. ‘**or**’
   2. ‘rl’
   3. ‘o’
   4. ‘r’
9. What is the result of 'Hello World'**[-**5**]**?
   1. 'W'
   2. ‘ ’
   3. ‘o’
   4. Exception thrown
10. What does “mutable” mean?
    1. You can use indexing to change individual elements
    2. You can’t use indexing to change individual elements
11. What is the result of 'Hello World'**[::-**1**]**?
    1. Exception thrown
    2. 'dlroW olleH'
    3. ‘’
    4. 'Hello Worl'
12. What is the result of 'I like %s' **%**'Python'?
    1. 'I like %s' **%**'Python'
    2. Exception thrown
    3. 'I like Python'
    4. 'I like %s'
13. What is the result of 'I like {}'**.**format**(**'Python'**)**?
    1. 'I like {}'
    2. 'Python'
    3. Exception thrown
    4. 'I like Python'
14. If lst**=[**2**,** 4**,** 6**]**, what is the result of lst**.**pop**()**?
    1. 2
    2. Exception thrown
    3. 6
    4. 4
15. Continuing from question 12, what is the value of list after running question 12?
    1. **[**2**,** 4**]**
    2. **[**2**,** 4**,** 6**]**
    3. **[**4**,** 6**]**
    4. **[**2**,** 6**]**
16. Lists must have the same object type?
    1. **False**
    2. **True**
17. If lst**=[**2**,** 4**,** 6**,** 8**]**, what would you write to get **[**4**,** 6**]**?
    1. It can’t be done.
    2. lst**[**1**:**3**]**
    3. lst**[**2**:**3**]**
    4. lst**[**1**:**2**]**
18. If lst**=[**1**,** 2**,** 3**,** 4**,** 5**,** 6**]**, what would you write to get just the even numbers?
    1. lst**[**2**:**4**:**6**]**
    2. lst**[**1**:**3**:**5**]**
    3. lst**[**1**::**2**]**
    4. It can’t be done.
19. Dictionaries retain an order?
    1. **True**
    2. **False**
20. What will be the result of 34 **!=** 34**?**
    1. **True**
    2. **False**