1. Write a function, called addsToDictionary, that takes in two parameters: one, assumed to be a dictionary, (d), and the other, assumed to be a tuple (t). Using the first element in the tuple as a key, add the second element (the value) to the dictionary. Then return the dictionary.

2. Write a function, called makesDictionary, that takes in an empty dictionary (d) and a list of tuples, (aList). Call addsToDictionary repeatedly and pass in the dictionary and a tuple. Then return the finished dictionary.

3. Write a function, called startEverything, that takes no parameters. Have startEverything() create an empty dictionary and a list, like the one shown below.

aList = [(“cat”, 39), (“dog”, 46), (“bird”, 6), (“fish”, 12)]

Print the resulting dictionary.

Practice Problems

1. Write a function, called printsNumbers, that takes in one parameter, (n), and prints the numbers 0 through n, inclusive.

2. Write a function, called makesList, that takes in one parameter, (n), and returns a list of all the numbers 0 through n, inclusive. (Hint: modify printsNumbers)

3. Write a function, called findsAllEvens, that takes in one parameter, (max), and returns a list of all the even numbers from 0 through max (inclusive if max is even) by calling makesList and using a loop.

4. Write a function, called evenMultiplesOfThree, that takes in one parameter, (num), the number of even

multiples of three desired, and returns a list

num long of even multiples of three.