**Chapter 5 – Functions:**

* What does one look like – format?
* What is a local variable? What are its limitations?
* What is the difference between a parameter and an argument?
* How do you call a function?
* How do you pass data to a function?
* How do you send a value back to the calling function?
* Can you write a program with two functions where data is passed back and forth?

**Chapter 6 – File Input and Output:**

* What are the three options I have for opening a file?
* What does each do?
* How do you read data from a file?
* How do you know when to stop?
* What if you need to write an integer to a file and you need to use it in a math operation when you read it back?
* Can you write a function that opens a file and reads data from that file or writes data to that file?

**Chapter 7 – Lists**

How can I get to any given element in a list?

How do indexes work? Where do they start and end?

How do the following things work:

in max

append min

len index

Is a list mutable or immutable? What does that mean?

How would I change the value in a list?

What happens if I try to reference beyond the list?

If you have a list with the values [‘yes’,’no’,13.2,5’], how ill if find the index of ‘no’?

Can you write a function that reads the elements in a list? How about populating a list?

**Chapter – 8:**

How do you specify that a value is a string?

Do indexes work with strings? How?

How about the **in** operator?

Is a string mutable or immutable?

How do you create a substring?

If mystring = “How are you?”, what will be the value of :

mystring[2:6]

mystring[:3]

mystring[6:]