Python Crash Course

Chapter 10

Files and Exceptions

To do any work with a file, you’ll need to open it.

Open()

Keyword *with* that comes before open() will close the file onc access to it is no longer needed.

Read a file using .read() method

Reading by line:

With open(file\_name) as file\_object:

For line in file\_object:

Print(line)

.readlines() method takes each line from the file and stores it in a list, which we can continue to work with outside of the *with* block

Write to files

You can open files in write mode ‘w’, read mode ‘r’, or append mode ‘a’, or read and write ‘r+’

Python uses special objects called *exceptions* to manage errors that arise during a program’s execution.

Try-except blocks

Try:

Code

Except:

Storing Data:

A simple way to obtain and store/save data is using the *json* module

JSON – JavaScript Object Notation

Json.dump() and json.load()