Python Notes Addendum

- Understanding imports and PYTHONPATH – This is a good article on determining/directing the source for Python imports.
- Documentation on using the PDB tool for Python Debugging
- Guide to Pythons magic methods.
- Encodings:
  This link is a fairly humorous attempt at explaining the history of representing text in computers up to and including Unicode and UTF-8. http://www.joelonsoftware.com/articles/Unicode.html. Unicode and UTF-8 explained relatively simply. A more formal and complete explanation can be found at http://utf8everywhere.org/. This is a link to a table that describes all the Unicode characters in use today: http://www.tamasoft.co.jp/en/general-info/unicode.html. For using various encodings in Python2 - http://www.pythoncentral.io/python-unicode-encode-decode-strings-python-2x/ and in python 3 - http://www.pythoncentral.io/encoding-and-decoding-strings-in-python-3-x/
- Unicode in Python - http://www.cmlenz.net/archives/2008/07/the-truth-about-unicode-in-python
- Argparse tutorial: https://docs.python.org/2/howto/argparse.html
- Duck typing - http://infohost.nmt.edu/tcc/help/pubs/python/web/interface.html
- OO tutorial - http://www.python-course.eu/object_oriented_programming.php
- Good Object-Oriented examples here. Warning, uses classic classes.
- Advanced class definitions : http://www.linuxtopia.org/online_books/programming_books/python_programming/python_ch22.html
- A simplified summary of Python's method resolution order. In turn, this article has a link to a more formal/thorough explanation of this topic.
- There are a large number of sources for information on unittest on the web. Two of these are the Python organization and Dr Dobbs.
- Linuxtopia has a pretty good explanation of the various alternatives for defining and raising an exception. Also, you should review the summary of built-in exceptions in the Python documentation.
- Formatting of dates and times is handled separately in Python through the strftime and strptime methods in the datetime and time modules. A formal explanation of these methods can be found in the Python documentation with simpler explanations available at sites such as Tutorials Point.
- Article about the uses of the else clause in Python loops.
- This article about sorting contains much more detail than we covered in class.