**Difference between Python 2 and Python 3 Version**

* print Function

Python 2 : Don’t necessarily have to have parantheses.

Python 3 : Have to wrap the object in parantheses or else will have SyntaxError.

* xrange() Function

Python 2 : To create an iterable objects, faster than just using range() to iterae.

Python 3 : xrange() doesn’t exist. Range() is implemented like xrange() function.

* Execution speed difference

Python 3 generally tends to run slower than Python 2.

* Raise exceptions

Python 2 : Accept old and new syntax of raising an exception. ( old : raise IOError, “file error” )

Python 3 : Must enclose the exception argument in parentheses or else will have SyntaxError. ( raise IOError**(**“file error”**)** )

* Handle exceptions

Python 2 : except NameError, err:

Python 3 : Have to use “as”. ( except NameError as err: )

* Next() function

Python 2 : next() with .next()

Python 3 : only left with next() function. If calling .next() will raise AttributeError.

* Compare unorderable types

Python 3 will raise a TypeError if comparing unorderable types.