**Differences between Python2 and Python3?**

**Library:**

In python2,Many older libraries built for Python2 are not forwards-compatible.

In python3,many of today’s developers are creating libraries strictly for use with python3

**ASCII**

In Python2,strings are stored as ASCII by default whereas in Python3, text strings are Unicode by default.

**Print Syntax**

In python2,The print syntax is treated as a statement rather than a function which requires text wrapped in parenthesis.

In python3,The print is explicitly treated as function and replaced by the print() function which requires extra pair of parenthesis.

**Dividing two integers**

In Python2,It simply returns an integer to the nearest whole number whereas in Python3 it makes more intuitiv by using true division for integers and floats.

**Xrange function**

In python2,xrange function reconstructs the sequence everytime and in python3 it is replaced by range()