❖ **Differences between Python 2 and 3:**

Difference	Python 2	Python 3
ASCII + Unicode	Strings are stored as ASCII by default–you have to add a "u" if you want to store strings as Unicode.	Text strings are Unicode by default.
print statement syntax	print functional brackets optional.	print functional brackets compulsory.
Integer Division	Division of integers always return integer − 5/2=2.	Division of integers may result in float − 5/2=2.5
Input Function	input() evaluates data read.	Input always reads string.
xrange function	Support range() and xrange() both.	have no xrange() function but range() function will behave like xrange() in python 2.
Library	Many older libraries built for Python 2 are not forwards-compatible.	Many of today's developers are creating libraries strictly for use with Python 3.
Raising exception syntax	raise IOError, "file not found"	raise IOError("file not found")

Leak of for-loop variables in global namespace	value of a global variable had changed while using that variable in for-loop.	for loop variables don't leak into the global namespace anymore!
.next() method	have next() function and .next() method for iterate next element.	Have only next() function.