**Python2 vs Python3 differences**

**The Print function :**

In python2, the print function works even if we don’t give parenthesis, but in contrast, Python 3 would raise a SyntaxError if we called the print function the Python 2-way without the parentheses.

Print (‘all is well’) # works both in python 2 and 3

Print ‘all is well’ # works in python2, but shows error in python3

**Integer division :**

if you are executing Python 3 code in Python 2, since the change in integer-division behavior can often go unnoticed

Python2:

Print(5/2) output is 2

Python3:

Print(5/2) output is 2.5

**Handling exceptions :**

In Python 3 we have to use the “as” keyword in catch block, but in python2 no need to use it

Python 2:

try:

#code

except NameError, err:

print err, ‘error message’

Python 3:

try:

#code

except NameError as err:

print ( err, ‘error message’)

**Comparing unorderable types**

Another nice change in Python 3 is that a TypeError is raised as warning if we try to compare unorderable types

**Parsing user inputs via input()**

The input() function in Python 3 stores the user inputs as str objects, in Python 2 to read in other types than strings, we have to use raw\_input() instead.