Few tips and tricks in Python
pfm 2019

1) **We will use Python 3** (a fork of Python 2.7. Python 2.7 will not be maintained in the future)

2) **Hash tables in RAM**: the structure in Python is dictionary:
https://docs.python.org/3/tutorial/datastructures.html#dictionaries

3) **To install a non existing package in your environment** (e.g. shelve) without any 'root' privilege, you
need to install it locally (in your home directory). To do so, depending on the way the package is packed, you can use either:

$ pip3 install –user package_name –proxy http://squidva.univ-ubs.fr:3128/

or

$ python3 setup.py install –user

4) **Python IDE:**

Spyder is ok : https://pythonhosted.org/spyder/installation.html

PyCharm seems to be ok too. It is very useful to correct indenting mistakes and produce pretty (Python way) code formating:

https://www.jetbrains.com/pycharm/

5) **Machines UBS/LINUX :**

```
pip3 et psyder3 are available on /ubs/soft/anaconda3.
pycharm is located in  /ubs/soft/pycharm-community-2019.2.2/
```