Python CheatSheet

Usual dependencies

Virtual environnements

- built-in feature of the language since version 3.4
- create a new virtual environment

  ```
  python -m venv myVenvName
  ```

- entering into the virtual environnement
- linux

  ```
  source ./myVenvName/bin/activate
  ```

- Windows when ran in Powershell

  ```
  ./myVenvName/Scripts/activate.ps1
  ```

- exit the virtual environnement

  ```
  deactivate
  ```

Installing PIP (python package manager)

1. Download the boostrap installer file

   ```
   get-pip.py
   ```

2. put it near your Python executables
3. execute the file with Python

   ```
   python get-pip.py
   ```

Utils

- locating actual Python interpreter

  ```
  >>> import os
  >>> import sys
  >>> os.path.dirname(sys.executable)
  'C:\\Python25'
  ```

last compilation : August 3, 2020