

- Search for 5 famous modules in python and write down how to import them and what are they used for.

1. **Numpy/Scipy**

NumPy is the fundamental package for scientific computing with *Python*.

```
import numpy as np
```

2. **Matplotlib**

You're plotting library for the **Python** programming language.

```
import matplotlib as ma
```

3. **Simplejson**

Simple, fast, complete, correct and extensible encoder and decoder for Python 2.5+ and Python 3.3+. It is pure Python code with no dependencies, but includes an optional C extension for a serious speed boost.

3. **IPython**

Command shell for interactive computing in multiple programming languages

```
import IPython as ip
```

4. **Nltk**

Natural Language Toolkit – I realize most people won't be using this one, but it's generic enough. It is a very useful library if you want to manipulate strings. But it's capacity is beyond that. Do check it out.

```
import nltk as nl
```

5. **Requests**

The most famous http library written by kenneth reitz. It's a must have for every python developer.

```
import requests as re
```