







## 1 Scientific Computing

Traditional approaches

Python?

## 2 Interlude: Python in the real world

EEG analysis for epilepsy

Multwavelets

PMV:molecular structures

















































# Python in this context

- A bytecode-interpreted language (VMs in C, Java and .NET).
- **Interactive** interpreter provided.
- **Free**















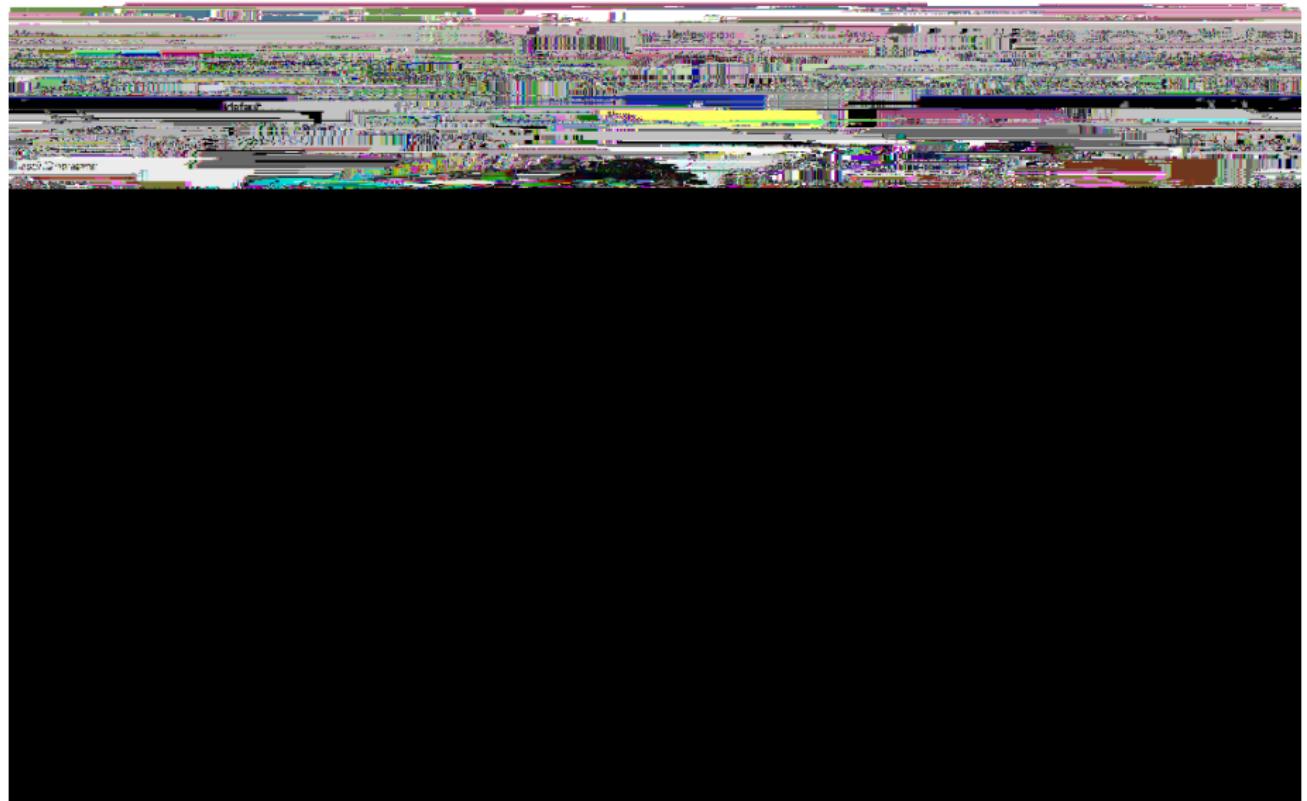








# PMV: the Python Molecule Viewer





























































## Python Basics (4)

Functions are first class objects

```
def compose(f, g):
```