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Python 2.7.5+ (default, Feb 27 2014, 19:37:08)
[GCC 4.8.1]
Python plugin for TeXmacs.
Please see the documentation in Help -> Plugins -> Python

>>> import matplotlib.pylab as plt
>>> import numpy as np
>>> np.sin(0)

  0.0

>>> t = np.arange(0.0, 2.0, 0.01)
>>> pi

  Traceback (most recent call last):
  NameError: name 'pi' is not defined

>>> np.pi

  3.14159265359

>>> s=np.sin(2*np.pi*t)
>>> plt.plot(t,s)

  [<matplotlib.lines.Line2D object at 0x2772350>]

>>>
```