

Listing 1: Direct inclusion of a python file

```
1 """
  plot.py

  Plots a simple function. This method of invoking matplotlib
  automatically invokes matplotlib.pyplot and numpy. Some people
6 discourage this method for various reasons dealing with
  namespaces....but when I want to quickly plot something, this
  is what I use at a terminal prompt.
  """

11 from pylab import *          # some people discourage this
   t=linspace(0.0,2*pi,100)    # 100 point list from 0 to 2*pi
   plot(t,sin(t))              # format: plot(xaxis,yaxis)
   show()                      # display plot
```