

Code example

```
1
2
3 import numpy as np
4 import pylab as pl
5
6 def f_x(x):
7     return np.exp(x)+x**2-5*x
8
9 def approx_f(x):
10     return 1 -4*x +3./2*x**2
11
12 xvals = np.arange(-4,4,0.1)
13 fx_vals = [f_x(x) for x in xvals]
14 approx_vals = [approx_f(x) for x in xvals]
15
16 pl.plot(xvals,fx_vals)
17 pl.plot(xvals,approx_vals)
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19 pl.show()
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Overlays work!