**Learning simple functional programming in Python**

This exercise is a prequel for anyone planning to do map/reduce programming in Spark, using Python.

The specific aim of this exercise is to make you familiar with lambda expressions,

and thence onto the map, reduce, filter and flatMap concepts. If you already know these and use lambda expressions, you can ignore this.

This exercise assumes that you have installed Python 2.7.12 and you can run it. If you go to a command line and type **python** you should see:

$ python

Python 2.7.12 (default, Jun 29 2016, 14:05:02)

[GCC 4.2.1 Compatible Apple LLVM 7.3.0 (clang-703.0.31)] on darwin

Type "help", "copyright", "credits" or "license" for more information.

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