# Software specifications

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| Chapter number | Software required (With version) | Free/Proprietary | If proprietary, can code testing be performed using a trial version | If proprietary, then cost of the software | Download links to the software | **Hardware specifications** | OS required |
| 1-12 | NumPy 1.9.2 | Free |  |  | http://sourceforge.net/projects/numpy/files/ |  | All |
| 1-12 | SciPy 0.14.0 | Free |  |  | http://sourceforge.net/projects/scipy/files/ |  | All |
| 1-12 | Matplotlib 1.3.1 | Free |  |  | http://sourceforge.net/projects/matplotlib/files/ |  | All |
| 1-12 | IPython 2.3.0 | Free |  |  | http://archive.ipython.org/release/ |  | All |
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# Detailed installation steps (software-wise)

The steps should be listed in a way that it prepares the system environment to be able to test the codes of the book.

For all chapters Python 2 is required, as well as pip. To install Python go to https://wiki.python.org/moin/BeginnersGuide/Download TO install pip go to http://pip.readthedocs.org/en/latest/installing.html. Instructions to install software are given throughout the chapters. Mostly we need to run in admin mode the following command:

pip install <some software>

1. NumPy

pip install numpy

2. SciPy

pip install scipy

3. Matplotlib

pip install matplotlib

4. IPython

pip install ipython