

# Software Hardware List

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
All chapters	Python 3.6 or above	Free	N/A	N/A	<a href="https://www.python.org/downloads/">https://www.python.org/downloads/</a>	N/A	N/A
All chapters	A Python Integrated Development Environment (IDE)	Free	N/A	N/A	<a href="https://docs.python.org/3/library/idle.html">https://docs.python.org/3/library/idle.html</a> <a href="https://www.jetbrains.com/pycharm/">https://www.jetbrains.com/pycharm/</a> <a href="https://www.sublimetext.com/">https://www.sublimetext.com/</a> <a href="https://atom.io/">https://atom.io/</a>	N/A	N/A
5	The requests module (Version 2.19 or above)	Free	N/A	N/A	<a href="https://github.com/requests/requests">https://github.com/requests/requests</a>	N/A	N/A
8	NumPy (Version 1.15 or above)	Free	N/A	N/A	<a href="https://github.com/numpy/numpy">https://github.com/numpy/numpy</a>	N/A	N/A
8	OpenCV (Version 3.4 or above)	Free	N/A	N/A	<a href="https://docs.opencv.org/master/df/d65/tutorial_table_of_content_introduction.html">https://docs.opencv.org/master/df/d65/tutorial_table_of_content_introduction.html</a>	N/A	N/A
11	Telnet	Free	N/A	N/A	<a href="https://formulae.brew.sh/formula/telnet">https://formulae.brew.sh/formula/telnet</a> (for macOS systems)	Pre-installed on Windows and Linux systems	N/A
11	The aiohttp module (Version 3.4 or above)	Free	N/A	N/A	<a href="https://github.com/aio-libs/aiohttp">https://github.com/aio-libs/aiohttp</a>	N/A	N/A

11	The aiofiles module (Version 0.4 or above)	Free	N/A	N/A	<a href="https://github.com/Tinche/aiofiles">https://github.com/Tinche/aiofiles</a>	N/A	N/A
19	APScheduler (Version 3.5.3 or above)	Free	N/A	N/A	<a href="https://github.com/agronholm/apscheduler">https://github.com/agronholm/apscheduler</a>	N/A	N/A

Detailed installation steps for the softwares listed above are outlined in their corresponding chapters.