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
1 - 5	LUA 5.2	Free	N/A	N/A	https://www.lua.org/	Any computer, LUA uses very little resources	Windows, macOS, Linux
1 - 5	Visual Studio Code 1.24.0 or above	Free	N/A	N/A	https://code.visualstudio.com/	1.6 Ghz processor 1GB RAM 200 MB free disk space	Windows 7 or higher, macOS, Linux
6 - 7	Visual Studio Community	Free	N/A	N/A	https://visualstudio.microsoft.com/	1.8 Ghz processor 1GB RAM 50GB free disk space	Windows 10

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.

1. LUA:
    1. Download the binary distribution of Lua 5.2 from `lua.org`
        1. This re-directs to source forge
    2. Unzip & move the contents of the download to a safe location
    3. Add the location to your systems PATH variable
    4. Rename the executable from lua52 to just lua
2. Visual Studio Code:
    1. Download the installer from `code.visualstudio.com`
    2. Launch the installer
    3. Follow the installer steps
3. Visual Studio Community Edition:

1. Download the installer from `visualstudio.microsoft.com`
2. Launch the installer
3. Follow the installer steps
    1. Set up Visual Studio for C++ Development