# Software specifications

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| Chapter number | Software required (With version) | Free/Proprietary | Download links to the software | OS required |
| 1-12 | Google Chrome (latest – 49)  Or Firefox | free | <https://www.google.com/chrome/browser/>  https://www.mozilla.org/firefox/new/ | Linux, Windows or Mac OS |
| 1-12 | Firebug | Free | In case Firefox is the chosen browser http://getfirebug.com/ |  |
| 1-12 | Xampp (optional) | free | https://www.apachefriends.org | Linux, Windows or Mac OS |
| 1-12 | Node.JS (optional) | free | https://nodejs.org | Linux, Windows or Mac OS |
| 1-12 | Any text editor:  sublime text (v2 or v3), atom,  notepad++ | Free | <https://www.sublimetext.com/>  <https://atom.io/>  <https://notepad-plus-plus.org/> (windows only) | Linux, Windows or Mac OS |

# 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. Google Chrome:
   1. Download and run executable file
2. Firefox + Firebug
   1. Download Firefox and run executable file
   2. Download Firebug and install it in Firefox (can also be installed from add-on store from inside Firefox, just search for Firebug)
3. Xampp (Optional)
   1. Download and install (executable file)
   2. Create a folder named javascript-datastructures-algorithms inside the htdocs folder (inside Xampp installation directory)
   3. Create all the files inside the javascript-datastructures-algorithms folder
   4. Open Xampp manager and initiate server. It should be accessible from localhost/javascript-datastructures-algorithms link (open this address in a browser)
4. Node.JS (Optional)
   1. Download and install (executable file)
   2. Open the terminal (linux or mac) or the command prompt (cmd on windows; it can be the node.js commando prompt as well) and execute the following command: npm install http-server –g
   3. In the terminal, change directory to the source code folder and run http-server to run the source code directly from the http server