Software specifications

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
Chapter 1-9	Java 8	Free and open source	-	-	http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html	Minimum Free 1GB RAM	Windows 7 or above
Chapter 1-9	Spring Tool Suite Version: 3.8.3.RELEASE	Free and open source	-	-	https://spring.io/tools/sts/all	Minimum Free 1GB RAM Optimum Free 2 GB RAM	Windows 7 or above
Chapter 10	1. Spring Tool Suite Version: 3.8.3.RELEASE 2. Java 8 3. Tomcat 8	Free and open source	-	-	https://tomcat.apache.org/download-80.cgi	Minimum Free 1GB RAM Optimum Free 2 GB RAM	Windows 7 or above
Chapter 11	Spring 5 Java 8	Free and open source			https://spring.io/	Minimum Free 1GB RAM Optimum Free 2 GB RAM	Windows 7 or above
ALL	Maven 3.5.0	Free			https://maven.apache.org/download.cgi	Free 1GB RAM	Windows 7 +

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. Software **Spring Tool Suite Version: 3.8.3.RELEASE**:
    a. Download the latest version of **Spring Tool Suite** (STS) from https://spring.io/tools/sts/all according to your system OS.
    b. Extract ZIP or Tar file in your system directory.
2. Software **Java 8**:
    a. Download Java 8 form the http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html according to your system OS.
    b. Install Java 8 at your system.
    c. You can also system variables (PATH and JAVA_HOME) for Java
3. Software **Tomcat 8**: https://tomcat.apache.org/download-80.cgi
    a) Download Tomcat
    b) Extract in the system directory
4. Software **Maven 3.5.0**: https://maven.apache.org/download.cgi
    a) Download maven
    b) Extract in the System directory
    c) Set System variables (MAVEN_HOME and PATH)
5. Software **GitBash**: Download for checkout the source code for Chapters form the GITHUB.
   https://git-scm.com/downloads