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
1	JDK 9	Free			https://java.com/en/download	//	Any
1	Eclipse or NetBeans	Free			https://www.eclipse.org/downloads https://netbeans.org/downloads	//	Any
1	Apache Tomcat	Free			http://tomcat.apache.org	//	Any
5	Oracle Database	Free (Express Edition)			http://www.oracle.com/technetwork/database/database-technologies/express-edition/downloads/index.html	//	Any
6	Cloud Environments	Proprietary	Depends on the cloud environment	Varies between the cloud environments	https://aws.amazon.com/ (Amazon EC2 to compute nodes, Amazon EBS to store compute node virtual disks, Amazon S3 to store application data, and Amazon Elastic Beanstalk for application deployment) https://cloud.docker.com https://www.blockchain.com	//	Any

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.

All the code in the code bundles can either be tested by running them on a development IDE or deploying them on an application server.

Detailed instructions of setting up the respective software and environments are available in respective websites listed above.