

## 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	Additional Software Requirement
All	JDK 8	Free			<a href="http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html">http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html</a>	Any modern PC/Laptop with minimum 4GB RAM, Dual / Quad Core Processor	Windows / Linux / MacOS / Solaris	
1-11	intellij idea community edition 2017.2.3	Free			<a href="https://www.jetbrains.com/idea/download/">https://www.jetbrains.com/idea/download/</a>	Any modern PC/Laptop with minimum 4GB RAM, Quad Core Processor, 1.5 GB hard disk	Windows / Linux / MacOS	Java 8, as we are doing Java Development

						space + at least 1 GB for caches, 1024x768 minimum screen resolution		
12	Android Studio 3.0	Free			<a href="https://developer.android.com/studio/index.html">https://developer.android.com/studio/index.html</a>	Any modern PC/Laptop with minimum 4GB RAM, Quad Core Processor, 1.5 GB hard disk space + at least 1 GB for caches, 1024x768 minimum screen resolution	Windows / Linux / MacOS	Java 8, as we are doing Java Development

### 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. JDK 8:

- a. Download from the link
  - b. If windows, double click on the setup file and follow the instructions.  
Else, follow the guides here [https://docs.oracle.com/javase/8/docs/technotes/guides/install/install\\_overview.html](https://docs.oracle.com/javase/8/docs/technotes/guides/install/install_overview.html)
- 2. IntelliJ IDEA:
  - a. Download from the link
  - b. If windows, double click on the setup file and follow the instructions.  
Else, follow the guides here <https://www.jetbrains.com/help/idea/installing-and-launching.html>
- 3. Android Studio
  - a. Follow guides at <https://developer.android.com/studio/install.html>