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 - 15	Android Studio(3.1.2)	Free	Yes	NA	https://developer.android.com/studio/ https://dl.google.com/dl/android/studio/install/3.1.2.0/android-studio-ide-173.4720617-windows.exe	Refer below	Refer below

Detailed installation steps (software-wise)

1. Download Android Studio from https://developer.android.com/studio/
2. The latest stable version at the time of publication is 3.1.2
3. Download JDK 8

For any queries, please refert to https://developer.android.com/kotlin/faq

Hardware - System Requirements:

Windows:

- Microsoft® Windows® 7/8/10 (32- or 64-bit)

- 3 GB RAM minimum, 8 GB RAM recommended; plus 1 GB for the Android Emulator

- 2 GB of available disk space minimum, 4 GB Recommended (500 MB for IDE + 1.5 GB for Android SDK and emulator system image)

- 1280 x 800 minimum screen resolution

Mac

- Mac® OS X® 10.10 (Yosemite) or higher, up to 10.13 (macOS High Sierra)
- 3 GB RAM minimum, 8 GB RAM recommended; plus 1 GB for the Android Emulator
- 2 GB of available disk space minimum, 4 GB Recommended (500 MB for IDE + 1.5 GB for Android SDK and emulator system image)
- 1280 x 800 minimum screen resolution

Linux

- GNOME or KDE desktop

Tested on Ubuntu® 14.04 LTS, Trusty Tahr (64-bit distribution capable of running 32-bit applications)

- 64-bit distribution capable of running 32-bit applications
- GNU C Library (glibc) 2.19 or later
- 3 GB RAM minimum, 8 GB RAM recommended; plus 1 GB for the Android Emulator
- 2 GB of available disk space minimum,
  4 GB Recommended (500 MB for IDE + 1.5 GB for Android SDK and emulator system image)
- 1280 x 800 minimum screen resolution