Chapter number	Software required (With version)	Hardware specifications	OS required
All Chapters	• Android Studio (latest 3.x+)(Free and setup tutorial for Windows covered in chapter 1 of book).	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	Windows, Linux, Mac (Specific instructions given for Windows. Minor interpretation needed for Mac or Linux)

		+ 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	