

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
1-4	Visual Studio	Free			<a href="https://www.visualstudio.com/downloads">https://www.visualstudio.com/downloads</a>		Windows
6-10	Qt Creator	Free			<a href="https://www.qt.io/download">https://www.qt.io/download</a>		Windows

#### 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. Visual Studio

1. Go to <https://www.visualstudio.com/downloads>.
2. Click at Visual Studio Community 2017, Free download.
3. Click at Run when asked about vs\_professional from visualstudio.com.
4. Click at Continue to accept the License Terms.
5. Click at Desktop Development with C++
6. Click at Modify
7. Done

##### 2. Qt Creator

1. Go to <https://www.qt.io/download>
2. Click Go open source
3. Click Accept to accept the License Terms.
4. Click Download.
5. Click Run.
6. Click Next.
7. Enter your email and password, or create an account by following the instructions, and click Next.
8. Click Next.
9. Specify the directory of Qt Creator and click Next.

10. Click Select all and Next.
11. Accept the License Terms and click Next.
12. Select the name for the Menu shortcuts and click Next.
13. Click Install.
14. Wait for the installation to finish, and click Finish.
15. Done.