

## 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
Chapter 1 - 8	CodeBlocks v16.01	Free and open source	-	-	<a href="http://www.codeblocks.org/">http://www.codeblocks.org/</a>	Free 1GB RAM	Windows 7 or above
Chapter 1 - 8	MinGW	Free	-	-	<a href="https://nuwen.net/mingw.html">https://nuwen.net/mingw.html</a>	Free 1GB RAM	Windows 7 or above
Chapter 7	Visual Studio 2017 Community Edition	Free	-	-	<a href="https://www.visualstudio.com/downloads/">https://www.visualstudio.com/downloads/</a>	Free 1GB RAM	Windows 8 or above

## 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. MinGW:

<https://nuwen.net/mingw.html#install>

2. CodeBlocks:

<http://www.learncpp.com/cpp-tutorial/05-installing-an-integrated-development-environment-ide/>

(see on CodeBlocks section)

3. Visual Studio 2017

<https://docs.microsoft.com/en-us/visualstudio/install/install-visual-studio>