

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
All chapters	OpenJDK 8 or later (JDK 9 in Chapter 3)	Free			<a href="http://openjdk.java.net/install/">http://openjdk.java.net/install/</a>	Any PC where OpenJDK may run	Windows or Linux or MacOS
Chapter 10	Docker Engine 18.06 or later	Free			<a href="https://docs.docker.com/install/">https://docs.docker.com/install/</a>	Any PC where Docker Engine may run	Windows or Linux or MacOS
All chapters	IntelliJ IDEA Community Edition 2017.1 or later	Free			<a href="https://www.jetbrains.com/idea/download/">https://www.jetbrains.com/idea/download/</a>		Windows or Linux or MacOS

Detailed installation steps (software-wise):

1. Install *OpenJDK 8* or later (Chapter 3 requires *OpenJDK 9*):
  1. Download and install according to the official documentation: [<http://openjdk.java.net/install/>].
2. Install *IntelliJ IDEA Community Edition 2017.1* or later to run examples from IDE:
  1. Download and install according to the official documentation: [<https://www.jetbrains.com/idea/download/>].
3. Install *Docker Engine 18.06* or later for examples with microservices (required only for Chapter 10):
  1. Download and install according to the official documentation: [<https://docs.docker.com/install/>].