

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
1	Visual studio 2017 community	Free	Yes	0	http://www.visualstudio.com	Common Windows System	Windows
2	Visual studio code	Free	Yes	0	Http://www.visualstudio.com	Common Windows or linux or Mac system	Windows, Inux or MacOS
3	Sql Server 2016 or 2017	Free	Yes	0	Http://www.sqlserver.com	Common Windows or linux system	Windows or linux
4	Docker	Free	Yes	0	Http://www.docker.com	Common Windows or linux system	Windows or linux
5	Amazon sdk	Free	Yes	0	https://aws.amazon.com/fr/visualstudio/	Common Windows system	Windows

Detailed installation steps (software-wise)

1. The steps should be listed in a way that it prepares the system environment to be able to test

Visual Studio

1. Download from the web site
2. Runv the setup
3. Select as explained in chapter 1 the components web, nnet core, Azure and Docker
4. Following the installation

Sql server

1. Download from the web site the runtime and management studio
2. Install them in mixed authentication mode
3. Create a database TicTacToe

Docker on Windows

1. Download the entreprise edition for Windows
2. Install it
3. Switch to Windows mode